



ENQUIRY DOCUMENT - MR

(Document No : B862-000-XR-MR-0510-97-RFQ)



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BIDDING DOCUMENT NO. JP/B862-000-XR-MR-0510/97

**BIDDING DOCUMENT
FOR
BULK HAZARDOUS MATERIALS MR-1
FOR
PDH PP PLANT WITH ETHANE AND PROPANE HANDLING
FACILITIES PROJECT AT DAHEJ, GUJARAT**

Prepared & Issued by:



MASTER INDEX

NAME OF WORK : BULK HAZARDOUS MATERIALS MR-1

BIDDING DOCUMENT NO. : JP/B862-000-XR-MR-0510/97

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REQUEST FOR QUOTATION (RFQ)
(e-Bidding)
Limited –Indigenous

Date: 11.05.2025

SL NO.	SALIENT FEATURES	DETAILS
a)	Client	: Petronet LNG Limited (Petronet LNG Petrochemical Project)
b)	Project	: PDH PP PLANT WITH ETHANE AND PROPANE HANDLING FACILITIES PROJECT AT DAHEJ, GUJARAT
c)	Item	: BULK HAZARDOUS MATERIALS MR-1
d)	EIL RFQ No.	: JP/ B862-000-XR-MR-0510/97
e)	MR Category	: I
f)	Pre-Bid Meeting	: Applicable
g)	Pre-Bid Meeting Details and Venue	: At 14:00 Hrs. on 18.05.2026 Venue: Through Video Conferencing (MS Teams). Meeting Link PRE BID MEETING FOR LIGHTING FIXTURE & ACCESSORIES-HAZARDOUS, JUNCTION BOXES (FLAME PROOF), LIGHTING & POWER PANELS (FLP) FOR PDH PP PLANT WITH ETHANE AND PROPANE HANDLING FACILITIES PROJECT AT DAHEJ, GUJARAT Meeting-Join Microsoft Teams Meeting ID: 479 170 695 759 68 Passcode: CU2bB62D
h)	Last date of receipt for pre-bid queries	: Before 1855 Hrs. on 19.05.2026 Bidder shall submit their queries only through NIC-CPP portal strictly on or before cut-off date mentioned in RFQ after which, EIL shall reserve the right not to entertain any queries. Queries sent through e-mails or any other mode by any bidder may not be given any cognizance.
i)	Earnest Money Deposit (EMD)	: NOT APPLICABLE
j)	BID DUE DATE (Last date and time of submission of e-Bids)	: 01.06.2026; 1200 HRS
k)	UNPRICED BID OPENING Opening of Techno-commercial (Unpriced) e-Bids	: 02.06.2026; 1400 HRS (*) If date(s) identified as (*) above happen to be a declared holiday in EIL Gurugram, the next working day shall be considered.
l)	PRICED BID OPENING	: The date & time to be intimated later on to the technically & commercially acceptable bidders
m)	Contact Person for any query/ clarification	: Ms. Arya Subash (SCM-C&P), Phone No. 0124 289 1348 E-mail ID: subash.arya@eil.co.in Mr. Ranjit Vunna, AGM (SCM-C&P), Phone no. 0124 289 1338 E-mail ID: ranjit.vunna@eil.co.in

SL NO.	SALIENT FEATURES	DETAILS
		Mr. Jaydip Purkayastha, GM (SCM-C&P), Phone no. 0124 289 1287, E-mail ID: jaydip@eil.co.in
n)	e-Tendering portal for submission of Non Disclosure Agreement (NDA) & e-bids	: NOT APPLICABLE
o)	Delivery Period/ Completion Period	: <u>Indian Bidders:</u> Within 12 (Twelve) Months on FOT Site basis from the date of PO (Purchase order). The date of receipt of material at site shall be considered as date of delivery. Indigenous suppliers are required to dispatch the goods on prepaid door delivery basis through any registered Transporters on FOT Site basis.
p)	INTEGRITY PACT	NOT APPLICABLE
q)	REVERSE AUCTION	NOT APPLICABLE
r)	PERIOD OF VALIDITY OF BIDS	Bid shall remain valid for a period of THREE MONTHS from final/extended due date of submission of Bid.
s)	DEVIATIONS NOT PERMITTED Bids are invited on “ Zero Deviation Basis ”. Accordingly offer is to be submitted in complete compliance to RFQ Terms & Conditions without any deviation. Offer with deviation shall be liable for rejection. Hence, Bidder shall ensure submission of complete bid without any deviation as per requirement of Enquiry document in first instance itself.	
t)	This enquiry is issued on Limited Bidding basis for “ captioned items mentioned at sl. No. c above ” only. A separate intimation to the suppliers eligible for this enquiry shall be sent through e-mail subsequent to issuance of enquiry on e-procurement Portal. Only those suppliers who are intimated of publication of the enquiry through EIL e-mail will be eligible to submit their bids. Bids received from any other supplier shall not be considered for evaluation and shall be rejected. In case a bidder does not register on the e-procurement Portal and as a consequence, does not submit their bid on the Portal, it shall be deemed that he is not interested in bidding against this enquiry and no further correspondence will be entertained.	
u)	RESTRICTIONS ON PROCUREMENT FROM BIDDERS FROM COUNTRIES SHARING BORDER WITH INDIA Department of Expenditure (Govt. of India) vide OM no. 7/10/2021-PPD (1) DATED 23.02.2023 has issued the revised Guidelines for Restriction on Procurement from Bidders from Countries sharing Border with India. Bidder is advised to refer to the guidelines (annexed with Instruction to Bidders (ITB) of this bidding document) and ensure compliance to the same.	

Dear Sir/Madam,

- Petronet LNG Limited (PLL) is a public limited company incorporated in April 1998 in India under the provision of the (Indian) Companies Act 1956, having registered office at 1st floor, World Trade Centre, Babar Road, Barakhamba Lane, New Delhi, PIN – 110001. PLL owns & operates LNG Terminal at Dahej in the state of Gujarat, India with the name plate capacity of 17.5 MMTA. In view of expected growth in demand for petrochemical products in India and to remain competitive in the market with product self-sufficiency, Petronet LNG Ltd. (PLL) has planned to setup Petrochemical (PDH-PP) plant integrated with Ethane and Propane import facility at Dahej. The proposed Petrochemical Complex will use propane as a feedstock, dehydrogenate it to form propylene in a Propane Dehydrogenation Unit (PDH) and further polymerize to produce Polypropylene in a PP unit targeting import substitution.

Engineers India Limited (EIL) has been engaged by PLL for Consultancy services for 750 KTA PDH Plant and 500 KTA PP plant with Ethane and Propane Storage and Handling Facility at Dahej Petrochemical complex.

2. E-bids under **single stage two bid system** are requested for the captioned item based on the requirement specified in this MR and in total compliance to technical specifications, scope and terms & conditions of RFQ documents/attachments.
3. Bidders are required to register themselves at <http://eprocure.gov.in/eprocure/app>. No registration fee would be charged from the bidders.
4. Bidder can download the RFQ Documents from e-tendering website of CPP portal (<http://eprocure.gov.in/eprocure/app>). All amendments, time extension, clarifications etc. will be uploaded in CPP Portal only. Bidders should regularly visit the above website to keep themselves updated. No extension in the bid due date / time shall be considered on account of delay in receipt of any document by mail.

Provisions mentioned in Instruction to Bidders with regard to uploading of bidding document, replies/clarifications to bidder queries, techno-commercially amendments etc., on EIL website shall stand modified to the extent that these shall be uploaded on CPP portal only.

5. Bidders to refer E-Tendering methodology enclosed with this RFQ. Various links such as "Help for Contractor", "Information about DSC", "FAQ", "Resources Required", "Bidders Manual Kit" etc. are available on home page of <http://eprocure.gov.in/eprocure/app> facilitating vendors to participate in the bidding process. Bidder are advised to download & utilize the available information/documents under these links for activities like Registration in CPPP, obtaining User ID & Password, uploading & submission of e-bids etc. Bidders are advised in their own interest to carefully go through Instructions for E-tendering and other related document available against various help links so as to ensure that bids are uploaded in E-tendering website well before the closing date and time of bid submission.
6. NIC Portal mandates that the bidders are to be registered on the portal before any enquiry can be issued to them. In order to expedite issue of enquiries, the information of enquiry is being issued through EIL Tender Portal, however, document shall be available on Central Public Procurement Portal. The name of bidder whose NIC ID details are submitted/available to EIL shall be issued the enquiry and enquiry to the balance bidders can only be issued once they will register themselves on NIC portal and provide their registration details to EIL.

Therefore, all those vendors who have still not registered on the NIC Portal are required to register on the same (immediately after issue of enquiry) and inform the undersigned the registration details for facilitating issue of enquiry to them on the NIC Portal failing which it will not be possible for them to upload their bids.

All those bidders who have not complied with the above registration requirements will not be issued this enquiry on NIC portal and will not be eligible to bid. Request for extension in due date of submission of bids due to non-registration or delayed registration in NIC portal shall not be entertained.

7. All amendments, time extension, clarifications etc. will be uploaded in CPP portal (<http://eprocure.gov.in/eprocure/app>) only. Bidders should regularly visit the e-tendering website to keep themselves updated. No extension in the bid due date / time shall be considered on account of delay in receipt of any document by Mail/Post.
8. Bidders are required to submit their bids complete in all respects in accordance with Instructions to Bidders (ITB) only through e-tendering website of CPP portal (<http://eprocure.gov.in/eprocure/app>) **on or before the bid-submission due date & time** as specified above. Bidder to carefully read and understand the instructions for e-tendering as indicated in ITB to upload their bid on e-tendering website.

Physical Bids sent through Fax/E-mail/Courier/Post will not be accepted. However, any specific document required to be submitted in physical form as per RFQ shall also be submitted in physical form.

9. The vendor registration on NIC Portal is a very user-friendly process. However, in case of any doubt, the vendor may contact the undersigned.

Bidder(s) are advised to upload their bid as soon as they are permitted to upload the bid. In the event of failure in bidder's connectivity with e-tendering Portal during the last few hours on account of any problem and they are likely to miss the deadline for bid submission in such a case request for extension in bid due date will not be entertained.

10. Please submit your Acknowledgement against the RFQ on EIL's website <http://tenders.eil.co.in> within the due date & time, with reason(s) of not participating in the bidding process in case of regret/negative acknowledgment. In case there is no response, the bidder shall be liable for suitable action including review of their enlistment with EIL for the subject item.
11. Submission of authentic documents is the prime responsibility of the bidder. Wherever EIL has concern or apprehension regarding the authenticity/ correctness of any document, EIL reserves a right of getting the document cross verified from the document issuing authority.
12. **Bidders are mandatorily required to indicate their name on each page of excel file / pdf file of Un-priced copy of Price Schedule while uploading the same.**
13. Bidder to note that the Inspection shall be carried out in line with Inspection Philosophy mentioned in RFQ Documents.
14. RFQ Document is non-transferrable.
15. Subsequent to the opening of bid, bidders are not allowed to change the price or substance of the bid i.e. scope of work, specifications, delivery schedule, completion period etc.
16. Consortium / Unincorporated Joint Venture Bids are not acceptable.
17. PLL/EIL reserves the right to assess Bidder's capabilities and capacity to execute the work using in-house information. Further in case Purchase Order awarded for the tendered work have to be terminated due to supplier's default and separate enquiry have to be floated to get the remaining / complete work executed, such defaulting supplier will not be considered for enquiries issued for the refloated works of the same project.
18. In case any bidder is found to be involved in cartel formation, his bid will not be considered for evaluation/placement of order. Such bidder will be debarred from bidding in future.
19. Canvassing in any form by the Bidder or by any other Bidder on their behalf may lead to disqualification of their Bid.
20. The bidder shall bear all costs associated with the preparation (including site visit, if required and other expenses incurred during bidding process) and submission of its bid, and the Purchaser/EIL shall in no case be responsible or liable for such costs regardless of the conduct or outcome of the bidding process.
21. EIL reserves the right to reject any or all Bids received and to annul the Bidding Process at its discretion without assigning any reason, whatsoever.
22. For detailed specifications, terms and conditions and other details, refer complete Bidding Document.

***Please specify EIL RFQ No. in all correspondence**

This limited invitation for e-bid is open only to suppliers to whom this RFQ is issued.

THIS IS NOT AN ORDER.

Very truly yours,

(Jaydip Purkayastha)
GM (SCM-C&P)
Engineers India Limited

BID DATA SHEET **(BDS)**

BID DATA SHEET		
S.NO.	CL. NO.	CONTENT
1.	ITB 3.0 ELIGIBLE BIDDERS	Enquiry Basis is: Limited Domestic Competitive Bidding
2.	ITB 3.0 ELIGIBLE BIDDERS NEW SUB-CLAUSE 3.7 (g)	The following clause is NOT APPLICABLE for this enquiry. In cases of entity, quoting on behalf of their principal manufacturers, one stockiest/distributor/authorized seller cannot represent two manufacturers or quote on their behalf in a particular tender enquiry. One manufacturer can also authorize only one stockiest/distributor/authorized seller. There can be only one bid from the following: I. The principal manufacturer directly or through one entity on his behalf; and Entity on behalf of only one principal.
3.	ITB 3.0 ELIGIBLE BIDDERS NEW SUB-CLAUSE 3.9	The following clause is NOT APPLICABLE for this enquiry. <u>3.9 BIDS FROM INDIAN/ FOREIGN COUNTERPART ON BEHALF OF FOREIGN BIDDER</u> Wherever a limited enquiry is issued to a foreign company, being approved OEM (the manufacturer) and enlisted with Owner/EIL, but the OEM requests to bid through a bidder which maybe his subsidiary or his parent or another subsidiary of his parent, following methodology shall be followed: a. A company shall be considered as subsidiary of its parent company if the parent company: ➤ Controls the composition of the board of directors of the subsidiary; or ➤ Controls more than half of the voting right of the subsidiary; or ➤ Owns more than half of the paid-up equity of the subsidiary; For the purpose of definition of subsidiary, if a company A is a subsidiary of company B which is, in turn, a subsidiary of company C then company A will be considered to be a subsidiary of company B as well as C. b. Bidder may be Indian or foreign. c. Bidder may or may not be a manufacturer of the offered products. d. Bidder may or may not be enlisted with EIL. e. In case bidder proposes to ship the material from a warehouse/ works which may or may not be enlisted with Owner/EIL, the same shall be considered acceptable subject to following conditions: i. All items to be sourced (duly inspected under TPI) from OEM except minor outsourced accessories and the methodology for their assembly by Bidder will be spelt out in the offer by bidder. ii. EIL/ Third Party Inspection (as applicable) shall be conducted before despatch of the items from

BID DATA SHEET		
S.NO.	CL. NO.	CONTENT
		OEM works. iii. OEM shall issue an authorization by the authorized signatory to the Bidder towards the above arrangement. iv. OEM shall furnish a backup corporate guarantee duly signed by the authorized signatory towards the performance of the equipment & accessories. v. In case engineering work is undertaken by bidder, responsibility matrix will be submitted, duly signed by OEM. vi. PO shall be on the Bidder and shall specify the OEM works as well as the final despatch point.
4.	ITB 3.0 ELIGIBLE BIDDERS NEW SUB-CLAUSE 3.10	The following clause is NOT APPLICABLE for this enquiry. <u>3.10 BIDS FROM INDIAN/FOREIGN COUNTERPART ON BEHALF OF FOREIGN BIDDER</u> i. In case the enquiry is issued to a Foreign bidder on limited basis and offer is received from their Indian/Foreign counterpart on behalf of Foreign bidder, the same is acceptable provided counterpart furnishes authorization and confirmation from Foreign bidder that the commitment made by their counterpart during the bidding stage shall be acceptable to them. ii. In such a case, order shall be issued on Foreign bidder and material shall be supplied from their approved works only
5.	ITB 12.1.1, ITB 19.0& ITB 21.0 POSTAL ADDRESS & CONTACT DETAILS FOR SUBMISSION OF DOCUMENT (VIZ. BID SECURITY, ETC.)IN PHYSICAL FORM, IF ANY, AS PER RFQ	Jaydip Purkayastha, GM (SCM-C&P) Engineers India Limited, EIL Office Complex, Sector 16, Gurugram-122004 Telephone: 0124 – 289 1348/ 1308 / 1287 e-mail id: subash.arya@eil.co.in/ ranjit.vunna@eil.co.in / jaydip@eil.co.in
6.	ITB 12.1.2 LIST OF DOCUMENTS	a. Agreed Terms & Conditions for Indigenous Bidder or, duly filled and complete in all respect. b. Bank Certified Mandate Form as per Form-A duly signed and stamped with the Banker's certification or cancelled cheque. c. Unpriced copy of Price Schedule duly indicating Quoted / Not Quoted (as applicable) including Price Schedule for . d. Signed and stamped copy of Form-IA/IB/II, as applicable, (on Company's Letterhead) attached with Annexure-II of ITB in line with Government guidelines regarding procurement from bidders from a country or countries sharing Land Border with India. e. Scanned copy of Addendum / Amendment (if any) f. GST Registration Certificate (applicable for

BID DATA SHEET		
S.NO.	CL. NO.	CONTENT
		indigenous bidder). g. Power of Attorney (PoA) and/or Board Resolution in favour of Bid Signatory of the bidder as stipulated in ITB 20.0 in the e-bid. h. Power of Attorney (PoA) and/or Board Resolution in favour of Digital Signatory applicable if digital signatory is other than bid signatory as stipulated in ITB 20.0 in the e-bid. i. Any other document as stipulated in the bidding document.
7.	ITB 34.0 & ITB 36.0 EVALUATION OF TECHNO-COMMERCIAL BIDS & EVALUATION AND COMPARISON OF BIDS	Evaluation shall be on Group wise basis. 100% Input Tax Credit is available with PLL.
8.	ITB 42.0 & SCC 2.2 (vi), SCC 6 CONTRACT CUM PERFORMANCE BANK GUARANTEE (CPBG)	APPLICABLE Note: i. Bidder may submit an Insurance Surety Bond in lieu of Performance Bank Guarantee. The Insurance Company issuing the Bond shall have a credit rating of AA from CRISIL / ICRA. This rating requirement shall not be applicable to Public Sector Insurance Companies.
9.	ITB 42.0 & SCC 2.2 (vi), SCC 6 CONTRACT CUM PERFORMANCE BANK GUARANTEE (CPBG)	Bank Guarantees towards CPBG/ABG shall be accepted only when issued from a "Acceptable Bank". The Definition of "Acceptable Bank" shall be as follows:. <i>"Acceptable Bank" shall mean the State Bank of India constituted under the State Bank of India Act 1955; or a "Schedule Commercial Bank (in the category of Public Sector Banks and Private Sector Banks)" in India (as defined under the Reserve Bank of India Act, 1934) whose long term debt is rated at least AA- (AA Minus) by CRISIL Ltd. or assigned an equivalent rating by some other Indian Credit Rating Agency, ICRA, CARE or India Ratings, and acceptable to PLL in its sole discretion, or an international bank (having a branch in India)(Scheduled Foreign Banks in India) whose long term debt is rated at least A- (A minus) (or equivalent) by Standard & Poor Corporation / Fitch Ratings or A3 (or equivalent) by Moody's Investor Services."</i> In case, where more than one Rating is taken by Bank, lowest rating shall be considered for Acceptance of Bank. Any Foreign Bank which is not a Scheduled Foreign Bank in India is also acceptable provided that offered documents like BG/LC etc. are counter guaranteed by any Indian Bank meeting the criteria of Acceptable Bank.
10.	ITB NEW CLAUSE 50.0 SHIFTING OF ORDER	The following clause is NOT APPLICABLE for this enquiry.

BID DATA SHEET		
S.NO.	CL. NO.	CONTENT
		50.0 SHIFTING OF ORDER The following philosophy shall be followed for shifting: Based on lowest evaluated item wise prices, the shifting shall be carried out provided the following conditions are met: - Shifting shall be done only if shifting cost of each order is upto Rs. 2,00,000/-. - Shifting shall not be resorted to if the value of the order is more than 25% of the total order value of the recommendation. However, this ceiling will not be applicable where total order value of recommendation is upto Rs. 8.0 Lakh. - In case the order value on L1 bidder is more than Rs 5,00,000/- then shifting shall not be resorted to. With above shifting the selected bidder for award will be deemed to be L1 bidder.
11.	SCC 2.0 PAYMENT TERMS	<u>FOR SUPPLY AND TRANSPORTATION</u> 02% against approval of drawings, wherever required (identified in PO/ PR / Kick off Meeting / post order) at least in Code-2 / Code R and against submission of ABG of equivalent amount. 03% against approval of drawings in Code-1 and against submission of ABG of equivalent amount. 10% against placement of sub-orders to sub-vendors for Major raw material and submission of ABG of equivalent amount. 15% against receipt and identification of major specified raw materials at Supplier's works and against submission of ABG of equivalent amount. 45% (50% where drawing/doc approval not required) against dispatch documents along with copy of LR, IRN and packing list, Invoice with full taxes / duties. 10% against receipt and acceptance of material at site. 05% on receipt of all Final/As built Drawings/ Documents/ Data/ Manual in requisite number duly certified by Inspection agency as per VDR specified in Purchase Requisition and uploading the same in EIL-Portal. 10% on receipt of all material & acceptance of all materials at site..
12.	SCC 2.0 EIL vis-a-vis Supplier Commitments	Not Applicable
13.	SCC 3.0 TRANSPORTATION	ODC / CRITICAL CONSIGNMENT: NOT APPLICABLE
14.	SCC 8.2 PRICE VARIATION	NOT APPLICABLE
15.	SCC 11.0 MARINE CUM INSURANCE DETAILS	Marine Cum Erection Insurance Policy is enclosed Annexure X to SCC.
16.	SCC 12.1.5 & 12.2.6	The following clause is NOT APPLICABLE for this enquiry.

BID DATA SHEET		
S.NO.	CL. NO.	CONTENT
	LOADING AND PENALTY CRITERIA (LPC) OF MR	LOADING AND PENALTY CRITERIA (LPC) OF MR In partial modification to the provisions of LPC Criteria of MR, it is being clarified that Freight and Duties along with its applicable taxes (applicable for Foreign Bidder) shall also be considered for calculation of Total Cost and Capital Cost for calculation of Loading Amount.
17.	SCC 16.0 PART ORDER	APPLICABLE (GROUPWISE)
18.	GCC 24.0, SCC17.0 REPEAT ORDER	APPLICABLE
19.	SCC 19.0 TERMS & CONDITIONS FOR SUPERVISION OF ERECTION, TESTING & COMMISSIONING / TRAINING AT SITE / HAZOP / SUPERVISION OF PGTR	NOT APPLICABLE
20.	SCC 20.0 TERMS & CONDITIONS FOR INSTALLATION/SITE WORK	NOT APPLICABLE
21.	SCC 21.0 TERMS & CONDITIONS FOR ANNUAL MAINTENANCE CONTRACT (AMC)	NOT APPLICABLE.
22.	SCC 22.0 TERMS & CONDITIONS FOR TRAINING AT SUPPLIER/OEM WORKS	NOT APPLICABLE
23.	ANNEXURE II TO SCC CLAUSE NO. B-2 IMPORT DUTIES	Merit Rate of Customs Duty shall be applicable for this enquiry.
24.	IFB 11.0 NEW CLAUSE TO IFB	The following clause is NOT APPLICABLE for this enquiry. <u>WHEREVER BIDDER IS INTENDING TO QUALIFY AS AT LEAST 51% OWNED INDIAN SUBSIDIARY OF A FOREIGN PRINCIPAL (AS PER MR/TECHNICAL BQC)</u> In addition to the provision to the bidding document, Bidder shall comply the following: Extended warranty: The bidder shall provide extended warranty of 12 months over & above the guarantee/warranty period specified in the Bidding Document. Additional PBG: The Principal or the Group Company (as the case may be) shall furnish the Performance Bank Guarantee, equivalent to 5% of Total Contract Value. The performance Bank Guarantee by Principal or Group

BID DATA SHEET		
S.NO.	CL. NO.	CONTENT
		Company shall be additional to PBG (i.e. equivalent to 10% of the Total Contract Value) required to be submitted by the successful bidder. In case where Principal or the Group Company does not have Permanent Establishment in India as per Indian Income Tax Act, the bidding company (Bidder) can furnish Performance Bank Guarantee for an amount which is sum of PBG amount to be submitted by the bidder and additional PBG amount required to be submitted by the Principal or the Group company (i.e. equivalent of 15% of the Total Contract Value). Also, in such as case bidding company shall furnish an undertaking that their foreign based Principal or the Group Company, is not having any permanent establishment in India in terms of Income Tax Act of India. Undertaking from the Principal or the Group Company to the effect that in addition to invoking the PBG submitted by the bidding company, the PBG provided by the Principal or the Group Company can be invoked by PLL due to non-performance of the bidding company.

BIDDING FORMS

FORM-A

BANK MANDATE FORM**(As per ITB)**

1. Bidder Name :
2. Bidder Code :
3. Address of the Bidder :
4. Particulars of Bank Account of Bidder :
 - a. Name of the Bank :
 - b. Name of the Branch and Address of the Branch :
 - c. Branch Code : :
 - d. 9-Digit MICR code Number of the Bank & Branch :
(As appearing in the MICR Cheque issued by the bank) :
(Please do not give multicity cheque book code Number) :
 - e. Type of account (Saving Bank, Current or Cash Credit) :
 - f. Account Number :
 - g. RGTS/IFSC Code (11 digit) :
 - h. NEFT Code No. :
5. E-mail address of the Bidder :
6. Contact Person(s) of the Bidder :

I/we declare that the particulars given above are correct and complete and I/we accord our consent for receiving all our payments through Electronic Mechanism.

(Signature and designation of the Authorised person(s) of Bidder)

Official seal of the Bidder

Place :

Date :

BANK CERTIFICATION

Certified that the particulars furnished above are correct as per our records.

Place :

Date :

Signature of the Authorised Official of the Bank

Bank's Stamp

FORMAT FOR BIDDERS' QUERIES (PRE-BID)
(AS PER ITB)

RFQ Document No. : _____

SL. NO.	REFERENCE OF ENQUIRY DOCUMENT				BIDDER'S QUERY	EIL REPLY
	PART/VOL.	PAGE NO.	CLAUSE NO.	SUBJECT		

NOTE:

1. The Pre-Bid Queries in the above format shall be uploaded by the bidder on CPP Portal within the cut off date as per the bidding document.

SIGNATURE OF BIDDER : _____

NAME OF BIDDER : _____

FORM-C

TAX RESIDENCY CERTIFICATE

TRC obtained by the Non-resident from Government of foreign country shall contain the following particulars:

- 1) Name of the assessee :
- 2) Status (individual, company, firm, etc.) of the assessee:
- 3) Nationality (in case of individual) :
- 4) Country or specified territory of incorporation or registration (in case of others):
- 5) Assessee's tax identification number in the country or specified territory of residence or in case of no such number, then a unique number on the basis of which the person is identified by the Government of the country or the specified territory:
- 6) Residential status for the purpose of Tax:
- 7) Period for which the certificate is applicable:
- 8) Address of the applicant for the period for which the certificate is applicable:
- 9) Name of the assessee:

FORM NO.10 F**[See sub-rule (1) of rule 21AB]****Information to be provided under sub-section (5) of section 90 or sub-section (5) of section 90A of the Income-tax Act, 1961**

I _____ *son/daughter of Mr. _____ in the capacity of _____ (designation) do provide the following information, relevant to the previous year _____ *in my case/in the case of _____ for the purposes of sub-section (5) of *section 90/section 90A:-

Sl. No.	Nature of information	Details#
(i)	Status (individual, company, firm etc.) of the assessee	:
(ii)	Permanent Account Number (PAN) of the assessee if allotted	:
(iii)	Nationality (in the case of an individual) or Country or specified territory of incorporation or registration (in the case of others)	:
(iv)	Assessee's tax identification number in the country or specified territory of residence and if there is no such number, then, a unique number on the basis of which the person is identified by the Government of the country or the specified territory of which the assessee claims to be a resident	:
(v)	Period for which the residential status as mentioned in the certificate referred to in sub-section (4) of section 90 or sub-section (4) of section 90A is applicable	:
(vi)	Address of the assessee in the country or territory outside India during the period for which the certificate, mentioned in (v) above, is applicable	:

I have obtained a certificate referred to in sub-section (4) of section 90 or sub-section (4) of section 90A from the Government of _____ (name of country or specified territory outside India).

Signature:

Name:

Address:

Permanent Account Number:

Verification

I _____ do here by declare that to the best of my knowledge and belief what is stated above is correct, complete and is truly stated.

Verified today the _____ day of _____

Signature of the person providing the information

Place:

Project / Client:		
RFQ No.:		
Item:		
Notes: a) Use capital letters and English language only. b) Bidder to submit it duly signed and stamped on each page, as a token of their acceptance and confirmation(s) in respect of RFQ. c) Bidder to note that fill in the blanks- data / details is to be entered by the bidder and correct option ticked in respect of Sl. Nos. 1,2,3,4,11,12 and 13 (the same are also highlighted in shaded grey in the table below). d) Bidders are required to carefully fill their responses to below points along with submission of relevant documentary evidence as per the provisions of RFQ. e) In case the responses are incomplete/ inconsistent and / or not substantiated by relevant document(s) the bidders are at risk of evaluation of their bid being concluded without affording them another opportunity to complete / correct / comply their submission with respect to RFQ requirements. In such a case EIL/ Owner reserves the right to complete the evaluation based on the available information and EIL/ Owners decision shall be final and binding.		
SL. NO.	DESCRIPTION	BIDDER'S / SUPPLIER'S CONFIRMATION (Strike out response which is not applicable)
1.	a) Bidder/Supplier Name	
	b) Status of Bidder's Firm: Proprietorship/ Partnership/ Limited Liability Partnership / Public Ltd./ Pvt Ltd./ Govt Deptt./ PSU/ Others (Specify)	
	c) Supplier's Offer Ref No.& Date	
2.	Bidder's/ Supplier's authorized signatory's: a) Name: b) Tel. No.: c) Mob. No.: d) E-mail: e) Address (on which order is to be placed): <i>Note: Bidder to ensure that the Address mentioned here shall be in line with the GST Certificate and Vendor enlistment in EIL (applicable for limited enquiries)</i>	
3.	a) Specify Despatch Point b) GSTIN no.	a) b) In case different despatch points are applicable, specify use same as under:-

BIDDER'S NAME AND SIGNATURE WITH STAMP/SEAL

SL. NO.	DESCRIPTION	BIDDER'S / SUPPLIER'S CONFIRMATION (Strike out response which is not applicable)																				
4.	Rate of GST	GST Rate (in %) _____ [If a single rate of GST is applicable] If different rates of GST are applicable, specify the GST rates in the table below: <table><tr><th>Description</th><th>GST rate in %</th></tr><tr><td>Supply & Freight</td><td></td></tr><tr><td>Site Work</td><td></td></tr><tr><td>3D Modelling</td><td></td></tr><tr><td>Supervision of E/T/C & PGTR</td><td></td></tr><tr><td>Hazop Study</td><td></td></tr><tr><td>Training at OEM/Vendor Works</td><td></td></tr><tr><td>Training at Site</td><td></td></tr><tr><td>PWAMC</td><td></td></tr><tr><td>Any other (Please indicate nature)</td><td></td></tr></table>	Description	GST rate in %	Supply & Freight		Site Work		3D Modelling		Supervision of E/T/C & PGTR		Hazop Study		Training at OEM/Vendor Works		Training at Site		PWAMC		Any other (Please indicate nature)	
Description	GST rate in %																					
Supply & Freight																						
Site Work																						
3D Modelling																						
Supervision of E/T/C & PGTR																						
Hazop Study																						
Training at OEM/Vendor Works																						
Training at Site																						
PWAMC																						
Any other (Please indicate nature)																						
5.	Confirm that quoted prices are strictly as per Price Schedule format of the RFQ Document and following has been quoted in the Priced Part as per applicability in RFQ/Price Schedule: a) Supply on FOT dispatch point basis b) Mandatory Spares (wherever sought separately) c) Site Work d) Transportation e) 2 years O&M Spares f) Unit Rates for Addition/ Deletion g) Unit rates for specific test h) 3D Modelling i) Hazop Study j) Rates for Supervision of E/T/C & PGTR/ Training at Site/3D Modelling/Hazop Study k) Training at Vendor/OEM Works l) Overtime Rates for Supervision of E/T/C & PGTR m) PWAMC	Confirmed																				
6.	Confirm that quoted prices will remain firm and fixed (except where price escalation/variation is allowed in the	Confirmed																				

BIDDER'S NAME AND SIGNATURE WITH STAMP/SEAL

SL. NO.	DESCRIPTION	BIDDER'S / SUPPLIER'S CONFIRMATION (Strike out response which is not applicable)
	RFQ) till complete execution of the order.	
7.	Confirm that firm transportation charges have been quoted in Price part. In case the same are not quoted in price part the Supply price shall be deemed to include the freight.	Confirmed
8.	Confirm that the offer is valid for the period specified in RFQ/BDS, from the final 'Bid Due Date'.	Confirmed
9.	Confirm submission of EMD/Bid Security (As applicable) as per provision of RFQ.	Confirmed
10.	Bidder's Undertaking Regarding Sharing Land Border with India: (Form-I A, II, whichever applicable) Format for Undertaking is appended with Annexure-II to ITB.	Submitted
11.	a) Bidder confirms that they are not on Holiday/Blacklist/Negative/Suspension/ Banning list of EIL/PLL as on date of submission of our bid.	Confirm / Not Confirm Note: In case response is not marked, "Confirm" shall be considered as Bidder's response
	~~b) Bidder confirms that they are not banned or delisted or black listed by any government department/ Government or Quasi Government agencies/ public sector as on date of submission of our bid.~~	~~Confirm / Not Confirm Note: In case response is not marked, "Confirm" shall be considered as Bidder's response~~
	c) Bidder confirms that they are not under liquidation, court receivership or similar proceedings.	Confirm / Not Confirm Note: In case response is not marked, "Confirm" shall be considered as Bidder's response
12.	a) Bidder confirms that they are not involved in any Litigation / Arbitration.	a) Confirmed / Not Confirmed Note: In case response is not marked, "Confirmed" shall be considered as Bidder's response
	b) In case response to a) above is 'Not Confirmed', Bidder hereby confirm that the current Litigation / Arbitration, in which they are involved will not have any impact in work being tendered or in entering into contract during the validity of offer and performing the contract till all the contractual obligations under contract are performed.	b) Confirmed / Not Confirmed

BIDDER'S NAME AND SIGNATURE WITH STAMP/SEAL

SL. NO.	DESCRIPTION	BIDDER'S / SUPPLIER'S CONFIRMATION (Strike out response which is not applicable)
13.	Bidder confirms that: a) None of Directors (in Board of Director) of Bidder is a relative of any Director (in Board of Director) of PLL/ EIL OR b) The bidder is not a firm in which any Director (in Board of Director) of PLL/EIL or their relative is a partner.	a) Confirmed /Not Confirmed b) Confirmed / Not Confirmed If response is marked as "Not Confirmed", then provide relevant details..... <i>Note: In case response is not marked, "Confirmed" shall be considered as Bidder's response</i>
14.	Bidder confirms that there is no conflict of interest with other bidders, as per provisions of RFQ Document.	Confirmed
15.	We confirm that the content of the Bidding Document including Price schedule/ prices and Corrigendum / Addendum (if any) have not been altered or modified.	Confirmed
16.	Integrity Pact (if applicable as per IFB/LIB/RFQ): Bidder confirms that they comply with the provisions of Integrity Pact (IP) and have submitted IP duly signed and stamped. In respect of Integrity Pact (IP), Bidder confirms that: a) They have submitted the IP duly signed by authorised POA holder of the Bidder. b) IP is signed on all the pages. c) IP is signed by two witnesses. d) In case of 'Proprietorship firm', IP is signed by the Proprietor. e) In case of Partnership firm, IP is signed by atleast two partners of the firm. f) The correct name and number of RFQ is mentioned in the IP	Confirmed
17.	Bank Mandate We hereby undertake to submit the Bank mandate Form (refer elsewhere for format) along with first invoice/ bill submission, duly filled and certified by bank along with cancelled cheque. In case the same is not submitted along with first invoice, the subsequent date of submission of mandate form shall be considered as the date of invoice submission.	Confirmed
18.	Compliance to RFQ Documents We hereby agree to fully comply with, abide by and accept the RFQ/Enquiry documents including but not limited to	Confirmed

BIDDER'S NAME AND SIGNATURE WITH STAMP/SEAL

SL. NO.	DESCRIPTION	BIDDER'S / SUPPLIER'S CONFIRMATION (Strike out response which is not applicable)
	technical, commercial and other conditions including submission of CPBG within 30 days from date of LOA, technical specifications including general/ technical notes and scope of supply/work including documentation as per material requisition (MR) and subsequent technical/ commercial amendment, if any, and technical/commercial corrigendum, if any, without any variation, deviation or reservation.	
19.	Bidder understands that being a "Zero Deviation" bidding & in the case of submission of deviations, the evaluation of bid shall be done as per provisions of RFQ and the bid is liable for rejection.	Confirmed
20.	All commercial terms / compliance / salient details are given /confirmed in this ATC and not elsewhere in the Offer. Bidder to note that the terms and conditions mentioned elsewhere in their offer or Printed terms and conditions of the bidder, if any, appearing in quotation/offer, Bidder's own terms and conditions shall not be given cognizance of.	Confirmed

DECLARATION BY THE BIDDER:

We further confirm that the above declaration/confirmation (including the pre-filled / default response to be considered in case relevant option is not ticked/ not filled) are true and correct in all respects and not in conflict with the declaration mentioned in any part of our bid /any other document. In case of contradiction, the confirmation given herein by the bidder shall prevail over the declaration/ statement/ confirmation given in other places by the Bidder.

We also declare that in case, at a later date, if the above declaration(s) / confirmation(s) submitted in our bid are found to be false, bidder shall be held responsible for the same and EIL/Owner has every right to take action against the bidder / company, as deemed fit as per law of the land and provisions of RFQ Document and EIL/Owner's right to put our Company on Suspension/Banning list for future business with EIL/Owner.

BIDDER'S NAME AND SIGNATURE WITH STAMP/SEAL

**INSTRUCTIONS
TO
BIDDER**

**FOR PDH PP PLANT WITH ETHANE AND
PROPANE HANDLING FACILITIES AT
DAHEJ PROJECT
(EIL JOB NO: B862)**

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A GENERAL

1.0 SCOPE OF BID

1.1 In connection with the Invitation for Bids/ Letter Inviting Bid, Engineers India Limited on behalf of Petronet LNG Limited (Petronet LNG Petrochemical Project) invites e-Bid(s), under single stage single/two bid system (Refer BDS), for the entire scope of supply and services covered under the Bidding Document.

1.2 Throughout the Bidding Document:

- (a) Owner/Buyer/Purchaser means Petronet LNG Limited (PLL), a company having its registered office at 4th Floor, Tower I, World Trade Centre, Nauroji Nagar, New Delhi, 110 029, India.
- (b) EIL means Engineers India Limited, a company incorporated under the Companies Act, 1956 having its registered office at 1, Bhikaiji Cama Place, R.K Puram, New Delhi-110066 (INDIA), acting as a Consultant for the Project.
- (c) except where the context requires otherwise, words indicating the singular also include the plural and words indicating the plural also include the singular and word written in capital or small letter or where the first letter is capital have the same meaning.
- (d) “day” means calendar day.
- (e) E-Tendering website (or e-procurement CPP portal / CPPP/ E-tenderingsystem/ e-Procurement Portal/ e-tendering portal) means online portal on which Bidders are required to submit their bid. For this RFQ, e tendering website is <https://eprocure.gov.in/eprocure/app>
- (f) Unless mentioned otherwise, the term ‘Bid Due Date’ shall mean the ‘Final Bid Due Date’.
- (g) “Instructions to Bidders” shall mean the documents describing the manner in which Bidder shall prepare and submit his bid.
- (h) The term “bid”/ “tender” / “offer” / “proposal” and their derivatives (“RFQ/Bidding/Enquiry” documents, “bidder/tenderer”, “Vendor/Supplier/Seller”, “Bid/tender”, “bidding/tendering”, “Contract/Purchase Order” etc.) are synonymous.
- (i) “Tender Document” or “Bidding Document” shall mean the documents issued to the bidder and/ or uploaded on tender portal, including any subsequent addenda to enable bidder submit his Bid.
- (j) “Bidder” or “Tenderer” shall mean the person or company who receives the Tender Document and submits Tender or Bid to EIL either in response to Limited tendering or Open tendering.
- (k) Material Requisition (MR) means the Technical Part of RFQ Document.
- (l) **INCOTERM 2020:** INCOTERM 2020 means the terms which shall be applicable for procurement of equipment/material under the subject RFQ / Enquiry document.
- (m) BoQ/ Price Schedule (PS) / Schedule of Rate (SOR)/ Schedule of Prices (SOP) shall have the same meaning.

- 1.3 The successful bidder / "supplier" shall complete the Scope of RFQ within the Time Period/Completion Period stated in RFQ document.

2.0 CORRUPT AND FRAUDULENT PRACTICES

- 2.1 The Owner requires that Bidders/ Vendors/ Supplier observe the highest standard of ethics during the award/ execution of Contract. "Fraudulent Practice" means a misrepresentation of facts in order to influence the award of a Contract to the detriment of the Owner, and includes collusive practice among bidders (prior to or after bid submission) designed to establish bid prices at artificial non-competitive levels and to deprive the owner of the benefits of free and open competition.
- 2.2 The Owner will reject a proposal for award if it determines that the bidder recommended for award has engaged in fraudulent practices in competing for the Contract in question.
- 2.3 Bidder is required to furnish the complete and correct information/ documents required for evaluation of their bids. If the information/ documents forming basis of evaluation is found to be false/ forged, the same shall be considered adequate ground for rejection of bids and forfeiture of Bid Security.
- 2.4 In case, the information/ document furnished by the Bidder/ Vendor/ Supplier forming basis of evaluation of his bid is found to be false/ forged after the award of the contract, Owner shall have full right to terminate the contract and get the remaining job executed at the risk & cost of such Bidder/ Vendor/ Supplier without any prejudice to other rights available to Owner under the contract such as forfeiture of CPBG, withholding of payment etc.
- 2.5 In case, this issue of submission of false documents comes to the notice after execution of supply/work, Owner shall have full right to forfeit any amount due to the Bidder/ Vendor/ Supplier along with forfeiture of CPBG furnished by the bidder/vendor/ Supplier.
- 2.6 Further, such bidder/ vendor/ Supplier shall be put on Blacklist/ Holiday/ Negative Suspension/Banning List of Owner debaring them from future business with EIL/Owner for a time period, as per the prevailing policy in Owner/EIL.
- 2.7 EIL, being the Consultant for the Owner in this Project reserves the right to take action against the defaulting Bidder/supplier/contractor in this tender/PO/ Contract including putting the Bidder/supplier/contractor on the Suspension/ Banning list of EIL. For this purpose, EIL may decide the same considering the communications carried out by the client with the Bidder/supplier/ contractor (including show cause notice/ personal hearing, etc).
- 2.8 In case any bidder is found to be involved in cartel formation/ bid-rigging /collusive bidding, his bid will not be considered for evaluation/ placement of order. Such bidder will also be debarred from bidding in future.

3.0 ELIGIBLE BIDDERS

- 3.1 An Eligible bidder may be a firm or a company, who, have been issued/intimated for issuance of RFQ/LIB Document on Limited Competitive Basis or a bidder meeting the BQC criteria as per Invitation for Bids (IFB)/ Notice Inviting Tender (NIT) on Open Competitive basis. **(Refer BDS)**

3.2 In case of limited competitive basis, the bidding is open only to the bidders to whom Bidding Document has been issued or intimation for issuance of Bidding Document has been sent through EIL tender portal. Refer BDS for type of bidding.

3.3 In case of open competitive basis, the bidding is open to the bidder who intends to submit the Bid, in response to IFB/NIT.

3.4 A bidder who is on **Black-listing / Holiday Listing /Suspension / Banning List/ Negative List** of EIL/PLL on due date of submission of bid / during the process of evaluation of the bids, the offers of such bidders shall not be considered for bid opening/evaluation/award.

Similarly, if a bidder is seeking qualification based on engaging a sub-contractor / sub-vendor who meets stipulated qualification criteria (in case allowed as per IFB/NIT) and such a sub-contractor / sub-vendor is on Black-listing / Holiday Listing /Suspension / Banning List/ Negative List of EIL / PLL on due date of submission of bid / during the process of evaluation of the bids, the offer of such bidder shall not be considered for bid opening/evaluation /award.

3.5 Bidder should be not under Liquidation, Court receivership or similar proceedings. Bidder to submit self-certificate in this regard.

In case Bidder(s) affirms that present litigations/arbitrations have impact on their obligations to perform the Contract or doesn't provide the affirmations as above, their bids shall be rejected.

Note : In case it comes to the notice of PLL/EIL that the bidder has given wrong declaration in this regard, the same shall be dealt as 'fraudulent practices' and action shall be initiated as per the procedure for action in case of corrupt / Fraudulent / collusive / coercive practices.

3.6 Bidder to comply the guidelines of Department of Expenditure (DOE) vide O.M. No. 7/10/2021-PPD (1) dated 23.02.2023 for Restriction on procurement from Bidders from Country(ies) sharing Border with India. Refer Cl. No. 44 of this ITB for details.

3.7 The bidder found to have a conflict of interest shall be disqualified.

Bidder's conflict of interest as Consultant of EIL/ Owner:

Consultants or any of their Affiliates will not be considered for any assignment, which by its nature may be in conflict with another assignment of the consultants.

Bidder's conflict of interest with other bidders:

A bidder shall not have conflict of interest with other bidders. Such conflict of interest can lead to anti-competitive practices to the detriment of Owner's interests. The bidder found to have a conflict of interest shall be disqualified

A bidder may be considered to have a conflict of interest with one or more parties in this bidding process, if:-

- a. they have controlling partner(s) in common; or
- b. they receive or have received any direct or indirect subsidy/ financial stake from any of them; or
- c. they have the same legal representative/agent for purposes of this bid; or

- d. they have relationship with each other, directly or through common third parties, that puts them in a position to have access to information about or influence on the bid of another Bidder; or.
- e. Bidder or any of its affiliates participated as a consultant in the preparation of the design or technical specifications of the contract that is the subject of the Bid;
- f. In case of a holding company having more than one independently manufacturing units, or more than one unit having common business ownership/management, only one unit should quote. Similar restrictions would apply to closely related sister companies. Bidders must proactively declare such sister/ common business/ management units in same/ similar line of business.

- 3.8 The Bidder shall not be under a declaration of ineligibility by Purchaser for Corrupt/ Fraudulent/ Collusive/ Coercive practices, as defined elsewhere.

B CONTENTS OF BIDDING DOCUMENT

4.0 BIDDING DOCUMENT

- 4.1 The RFQ document consisting of Commercial & Technical Section has been hosted on e-procurement website (i.e. <https://eprocure.gov.in/eprocure/app>). However, a link shall be provided in EIL website <http://tenders.eil.co.in>.

- 4.2 The Bidding Document shall in general consist of the following and should be read in conjunction with any amendment issued in accordance with Clause No. 7 of ITB.

- Invitation for Bid (IFB)/ Request for Quotation (RFQ).
- Bid Data Sheet
- Instructions to Bidders and its attachments/annexure.
- Bidding Forms
- Format for Performance Bank Guarantee and Bank Guarantee for Advance
- Packing, Marking, Shipping and Documentation Specification
- Additional Documents Mentioned in RFQ /LIB/BDS
- General Conditions of Contract (GCC) for Goods.
- Special Purchase Conditions (SPC) and its Annexure.
- Schedule of Rates (SOR)/ Schedule of Prices (SOP).
- **Material Requisition (MR)** comprising Scope details, data sheet, Technical Specifications / Standards, Drawings, if any Drawings, if any

- 4.3 Although all the details presented in this Bidding Document have been compiled with reasonable care, the bidder is expected to examine the Bidding Document, including all instructions, forms, terms, specifications and drawings in the Bidding Document and it includes all the documents as per Table of Contents. In case of any ambiguity or incompleteness, the bidder must bring it to the attention of EIL immediately and prior to submission of Bid.

- 4.4 The bidder is expected to examine the RFQ document downloaded from the e-Procurement Portal, bidding guidelines receipt from EIL or available on EIL website, all instructions, formats, terms, specifications and drawings etc., enclosed in the RFQ

documents. The invitation for bid (bidding) together with all its attachment thereto, shall be considered to be read, understood and accepted by the bidder in co-ordination to each other. Failure to furnish all information required by the RFQ documents or submission of a bid not substantially responsive to the RFQ documents in every respect will be at bidder's risk and may result in the rejection of the Bid.

- 4.5** Without prejudice to provisions indicated elsewhere, Bidding document once issued in case of limited competitive bidding is non-transferable. However, in case of Open Competitive Bidding, since the Bidding Document is available for free downloading on the portal, any bidder may submit the Bid and the same shall be evaluated in line with the provisions of the Bidding Document.

4.6 Order of precedence

The documents forming the Purchase Order are to be taken as mutually explanatory of one another. If there is an ambiguity or discrepancy in the Term & Conditions defined in the various documents, the order of Precedence shall be as follows:

- i. Purchase Order and its enclosures along with Purchase Requisition
- ii. Amendment to Bidding Document, if any
- iii. Bid Data Sheet (BDS)
- iv. Job Specifications
- v. Drawings
- vi. Technical specifications
- vii. Special Purchase Conditions (SPC)
- viii. General Conditions of Contract (GCC) for Goods & Packing, Marking, Shipping and Documentation Specification
- ix. Request for Quotation (RFQ)/Invitation for Bids (IFB)
- x. Instructions to Bidders (ITB)
- xi. Other Documents

A variation or amendment issued after the execution of the formal contract shall take precedence over respective clauses of the formal contract and it's Annexures.

5.0 SITE VISIT

- 5.1** For Scope involving Site Work, bidder, if required, may visit and examine the Project Site and its surroundings and obtain for itself on its own responsibility all information that may be necessary for preparing the bid.
- 5.2** Bidder is advised to visit and examine the site (at his own cost), its surroundings and familiarise themselves of the existing facilities & environment, and collect all other information which he may require for preparing and submitting the bid and entering into the Contract. Claims and objections due to ignorance of existing conditions or inadequacy of information will not be considered after submission of the bid and during implementation.

Bidder shall provide at least two days in advance the details of their representatives along with details of laptop, mobile or any other electronic device or any equipment if any, being carried so as to make arrangement for gate passes. Owner's decision on this regard shall be final and binding upon the bidder.

- 5.3 Bidder and any of its personnel will be granted permission by EIL/Client to enter upon its premises and lands/ Project Site for the purpose of such visit, but only upon the express condition that the bidder and its personnel will relieve and indemnify EIL/Client and its personnel from and against all liability in respect thereof, and will be responsible for death or personal injury, loss of or damage to property, and any other loss, damage, costs, and expenses incurred as a result of the inspection.

- 5.4 For site visit, Bidder may contact the following person:

Mr. Pramod Tiwary, GM (Construction) • Projects
Mail id - pramodtiwari@petronetlng.in
Contact - 95582 53796
Petronet LNG Limited
Denotified SEZ Z/97, Z/98, Z/99
Petronet LNG Petrochemical Project

6.0 CLARIFICATION OF BIDDING DOCUMENT, PRE-BID MEETING & SITE VISIT

- 6.1 The enquiry is issued on “Zero Deviation Bidding” basis wherein no post bid correspondence of any nature may be entertained. Bidders in their own interest are advised to take part in the pre-bid meeting seriously by issuing their genuine queries and also by attending the pre-bid meeting by their competent personnel. This will help bidder not only to cut short of the evaluation time leading to requirement of shorter bid validity but also enable them to submit their best prices based on the clear techno-commercial scope.

- 6.2 Pre-bid meeting shall be attended by competent representative(s) of the bidder.

- 6.3 Bidder's authorized representative(s) shall attend the pre bid meeting on the prescribed day at the given venue specified in RFQ. During the pre-bid meeting, all the technical and commercial issues shall be discussed and concluded to ensure that the bid received subsequent to pre bid meeting shall be without any deviations to terms and conditions. Hence, bidders shall treat the pre bid meeting as utmost important and depute competent & senior person capable of taking on the spot decision to sort out all the technical and commercial issues.

However, in case any bidder does not attend the pre bid meeting, it shall be understood that the bidder has a clear understanding of the scope, terms & conditions of the bidding document and does not have any comments/ deviations to the requirements of the bidding document.

- 6.4 In order to ensure fruitful discussions during pre-bid meeting, the bidder is requested to submit any queries/clarification/information pertaining to Bidding document in writing in the format provided in Bidding Forms.

Bidder shall submit their queries only through NIC CPP portal strictly on or before cut-off date mentioned in IFB/LIB after which, EIL shall reserve the right not to

entertain any queries. Queries sent through e-mails or any other mode by any bidder may not be given any cognizance.

Bidder shall submit their queries strictly within cut-off date after which, EIL/Owner shall reserve the right not to entertain any queries.

- 6.5** The bidders are required to participate in the pre-bid meeting after going through the entire bidding document along with BQC. Bidder shall come with all technical and commercial points on which they need clarifications and also to ensure that they possess all the supporting documentation for meeting the BQC. In case of any doubt, they may discuss the same during the meeting to avoid any techno-commercial clarifications/ discussions post bid.
- 6.6** Replies to the pre-bid queries will be uploaded on e-procurement CPP portal expeditiously as possible. After cut-off date for submission of pre-bid queries, no further queries will be entertained from the bidders. The response of EIL shall not form part of the Bidding Document unless issued as an Addendum/ Amendment.
- 6.7** Any modification of the Bidding Document, which may become necessary as a result of the pre-bid discussion, shall be intimated to all bidders through the issue of an Addendum/Amendment.
- 6.8** The applicable Form towards compliance to Bid Requirements & conforming no-deviation and techno-commercial compliance shall be signed and submitted by the bidders as part of their offer. Bidder in their own interest shall submit bid fully complying with Bidding Document requirements and EIL shall reserve the right to proceed with the available compliant bids for evaluation without raising any technical/ commercial queries.
- 6.9** Technical/ Commercial queries (TQ/CQ) shall not be issued once the bid have been opened. However, wherever CQ/ TQ are unavoidable, the same shall be raised and the cut-off date given for CQ/ TQ replies shall be adhered to. CQ/ TQs shall be issued through E-tendering portal and Bidder shall submit their replies through E-tendering portal only. Accordingly, CQ/ TQ replies through any other mode (e-mail, physical form) shall not be accepted. Offers shall be evaluated based on the information available upto cut-off date for CQ/ TQ replies. Bidder shall not submit any Price/ Price implication against TQ/ CQ raised unless specifically sought in writing.

7.0 AMENDMENT OF BIDDING DOCUMENT

- 7.1** At any time prior to the deadline for submission of bids, EIL may, for any reason whether at his own initiative or in response to the clarification requested by the prospective bidder(s), issue amendment in the form of Amendment/ Addendum/Corrigendum.
- 7.2** Any addendum issued shall be part of the Bidding Documents and shall be uploaded on e-procurement CPP portal. However, Record Notes of Pre-bid Meeting/ Reply to Pre-bid Queries containing clarification shall not be considered a part of bidding document.
- 7.3** To give bidders reasonable time in which to take an addendum into account in preparing their bids, EIL may extend the deadline for the submission of bids, pursuant to Clause 22.3 of ITB.
- 7.4** In exceptional circumstances, EIL may also for any reason issue amendment subsequent to opening of un-priced bids. Any amendment thus issued shall become part of Bidding

Document. Bidder shall follow the instructions issued along with Amendment with regard to submission of impact on quoted price / revised price, if any.

8.0 ACKNOWLEDGEMENT & CONFIRMATION

- 8.1** Within 3 days of downloading of Bidding Document, bidder shall acknowledge and confirm his intention to bid for the tendered work on EIL website <http://tenders.eil.co.in>.
- 8.2** In case of limited competitive bidding, Bidders should respond to this enquiry either by submitting their bids or chooses to regret by explaining the reason for non-submission of the offer. In case there is no response either way continuously, the bidder may be liable for suitable action including review of their enlistment with EIL for that particular item.

C PREPARATION OF BIDS

9.0 COST OF BIDDING

Bidder shall bear all costs associated with the preparation and submission of their Bid, and EIL shall not be responsible or liable for those costs, regardless of the conduct or outcome of the bidding process.

10.0 ZERO DEVIATION:

- 10.1** Bidders to note that enquiry is issued on Zero deviation basis. Bids are to be submitted on Zero deviation basis and in strict compliance with the terms & conditions, scope, specifications and other stipulations contained in the tender/ enquiry without any deviations.
- 10.2** In view of this Bidder shall ensure submission of complete bid without any deviation as per requirement of Bidding Document in first instance itself.

11.0 LANGUAGE OF BID

- 11.1** The Bid, as well as all correspondence and documents relating to the bid exchanged by the bidder and EIL/Owner, shall be in the English language. Supporting documents and printed literature that are part of the Bid may be in another language provided they are accompanied by an accurate translation of the relevant passages in the English language, in which case, for purposes of interpretation of the Bid, such translation shall govern.
- 11.2** In the event of submission of any document/ certificate by the bidder in a language other than English, the bidder shall get the same translated into English. The English translation copy of the same shall also be furnished duly certified, stamped and signed by Local Chamber of Commerce or Indian Embassy in their country or their Embassy in India or any translator in India recognized / authorized by their Embassy.

12.0 DOCUMENTS COMPRISING THE BID

Electronic Bids (e-bid) in two parts i.e. PART-I (Techno-commercial part) & PART-II (Priced part) as detailed below shall be submitted in e-tendering portal in accordance with the instructions and terms & conditions enclosed with the Bidding Document.

12.1.1 SUBMISSION OF PHYSICAL DOCUMENTS

Bid Security in Original (if applicable) shall be submitted as per the cutoff date mentioned in IFB/LIB/BDS.

12.1.2 PART - I - TECHNO-COMMERCIAL/ UNPRICED BID

- (a) Scanned copy of Bid Security along with SFMS confirmation/"SWIFT message" as per Clause 19 of ITB (to be uploaded in "FEE FOLDER" in e-tendering portal).
- (b) Scanned copy of certified BQC documents (Technical as well as Financial) (as per IFB), wherever applicable;
- (c) Scanned copy of Integrity Pact duly signed on each page by authorized signatory, wherever applicable as enclosed in the Bidding Forms.
- (d) Amendment /addendum (if any);
- (e) Power of Attorney and/or Board Resolution in favour of authorised bid signatory

Note: All documents files of the bid shall be e signed and uploaded by using the digital signature issued in the name of person having valid POA at the time of bid submission.

- (f) Copies of documents defining constitution or legal status, place of registration and principal place of business of the Company. *(Not required in case of Limited RFQs)*

Organization details

- In case of a proprietorship firm, the name and address of proprietor, and certified copy of Bank Account Details.
- In case bidder is a partnership firm, certified copy of the partnership deed.
- In case of company (whether private or public), certified copy of the 'Certificate of Incorporation' together with certified copy of Memorandum/Articles of Association
- (g) Agreed Terms & Conditions for Indigenous Bidder or Indian Sub-supplier of Foreign Bidder;
- (h) Agreed Terms & Conditions for Foreign Bidder;
- (i) Bank Mandate Form with cancelled cheque duly signed and stamped with the Banker's certification as per **Form-A**;
- (j) Unpriced copy (without price) of Price Schedule duly indicating 'Q' for Quoted / 'NQ' for Not Quoted, in accordance with the instructions mentioned therein.;
- (k) Compliance to requirement of PAN, tax residency certificate and form no.10F as per relevant forms provided in annexure to SPC (**applicable for foreign bidder** in case of services in India is required as per scope of Bidding document);
- (l) Signed and stamped copy of Form-IA/II, as applicable (on Company's Letterhead) attached with Annexure-II of ITB in line with Government guidelines regarding procurement from bidders from a country or countries sharing Land Border with India;
- (m) any other document **required as per, Technical Specifications; and**
- (n) any other document **required in the BDS.**

Note: The above shall be uploaded in "PREQUAL/ TECHNICAL" folder in e-tendering portal.

12.1.3 PART-II (Priced Bid)

- (a) Price Schedule with prices filled in. The rates are to be filled in accordance with instructions provided in Preamble to Schedule of prices, in e-tendering portal, without making any changes in the format/names of the file/worksheet.

Deviations to terms and conditions, presumptions, overwriting etc shall not be stipulated in Price part of bid. In case of any conditions stipulated in price bids, the bids of such bidders shall be summarily rejected and shall not be considered for further evaluation. Evaluation shall be carried out excluding such bidder(s.)

Note:

- a) Part-II shall be uploaded in “FINANCE” folder in e-tendering portal.
- b) Bidder to note that if they submit prices in un-priced part of their bid, such prices shall not be considered. The prices as submitted in the price part only shall be considered for evaluation and ordering, if any. If prices are not found in the price part and even if mentioned elsewhere, the bid shall be rejected.

13.0 INTEGRITY PACT (applicability shall be as per IFB/LIB/RFQ)

PLL, as one of its endeavor to maintain and foster most ethical and corruption free business environment, have adopted the Integrity Pact to ensure that all activities and transactions between the Company (PLL) and its Counterparties (Bidders, Contractors, Vendors, Suppliers, Service Providers/Consultants etc.) are handled in a fair and transparent manner, completely free of corruption.

- 13.1 Bidder shall submit, the scanned copy of the Integrity Pact (**enclosed in the bidding document**) duly signed and stamped as a token of compliance in Part-I of the Bid, wherever required as per Bid Data Sheet. **Non-submission of Integrity pact in the bid shall be a ground of disqualification. However, in case of non-submission of Integrity Pact in the bid, an opportunity shall be given in the CQ to submit the Integrity Pact, provided bidder has declared Integrity Pact submission confirmation in their bid. Hence, only those bidders shall be given opportunity to submit IP who have confirmed to submit the same in their original bid.** Copy of the Integrity Pact is available in Bidding Document. Further, if the Integrity Pact submitted in the bid is carrying certain shortcomings / deviations, the bidder shall be asked to clarify or make simple corrections through CQs.

- 13.2 For details of Independent External Monitors (IEMs) appointed by PLL, refer the IFB/LIB (as applicable).

No deviations / modifications in IP shall be acceptable. Bidder shall submit the same format of signed integrity pact (as provided in the bidding document duly signed by the buyer), duly filled-in, signed & stamped by the authorized signatory of bidder.

Integrity Pact shall be signed by

- a) authorized signatory of the bid, in case of Company

- b) the Proprietor, in case of Proprietorship firm
- c) at least two Partners, in case of Partnership firm

14.0 ALTERNATIVE OFFER / MULTIPLE BIDS

14.1 A bidder (i.e., the bidding entity) shall, on no account submit more than one bid either directly (as a single bidder or as a member of consortium) or indirectly (as a sub-contractor) failing which following actions shall be initiated:

- (a) All bids submitted by such bidder (say 'A') as a single bidder or as a consortium, shall stand rejected and BID SECURITY, if any, in case of all such bids submitted by bidder 'A' shall be forfeited.
- (b) If another bidder (say 'B') has proposed bidder 'A' as a sub-contractor then bidder 'B's bid shall also be rejected. However, in case the bidder 'B' has also proposed an alternative sub-contractor who is other than the bidder 'A', then bidder 'B's bid shall be evaluated with the proposed alternative sub-contractor only. Hence, every bidder shall ensure in his own interest that his proposed sub-contractor is not submitting alternative/ multiple bids.

Note: However, in case EIL has proposed a list of sub-contractors/ sub-vendors in the enquiry document itself which shall be common for all the Bidders, the provisions at (b) above shall not be applicable. It is further clarified that:

- A sub-Contractor can be common to more than one Bidder, provided the sub-Contractor themselves are neither a Bidder nor a consortium member.
- Where an Enquiry has multiple Parts, the above condition shall be applicable individually for each Part, as if it is a separate Enquiry.

15.0 BID PRICES AND DISCOUNTS

15.1 The prices must be quoted strictly in the format of Price Schedule/SoR/BoQ provided in the Bidding Document. Bidder shall not quote any discount separately for any item or on overall price. Conditional discount, if offered, shall not be considered for evaluation.

15.2 Unless stated otherwise in the Bidding Document, the Contract shall be for the total works as described in Bidding Document, based on the Schedule of Rates/ Price schedule submitted by the bidder and accepted by EIL.

15.3 Rates/ prices quoted by the bidder, shall remain firm, fixed and valid till the completion of the Works and will not be subject to variation on any account except as otherwise specifically stated in the Bidding Documents.

15.4 It shall be the responsibility of the Bidder to duly enquire of their own and comply with all applicable laws, rules, regulations, orders and formalities applicable to Goods and Services Tax (GST), Custom Duty etc. on the manufacture, sale and/or supply of any material / services to Owner / EIL. It is clearly understood that Owner/ EIL will not have any additional liability towards payment of applicable Taxes & Duties as a result of Bidder's wrong assessment / interpretation of applicable taxes & duties.

15.5 All duties, taxes, and other levies payable shall be as per Annexure-II of Special Purchase Conditions.

15.6 **The Bidder shall keep the Owner / EIL indemnified from and against any and all claims, demands, prosecutions, penalties, damages, demurrages and/or other levies whatsoever** made or levied by any Court, Tribunal or the Customs or other Authorities with respect to any alleged breach, evasion or infraction of such duties, taxes, charges or levies or any breach or infraction of such laws, rules, regulations, orders or formalities concerning the same and from the consequence thereof.

15.7 Foreign Exchange rate variation shall not be provided.

16.0 CURRENCIES OF BID AND PAYMENT

Currency of bid shall be as specified in Special Purchase Conditions. Payment shall be made in respective currency of quote only.

17.0 QUALIFICATION OF THE BIDDER

17.1 In case bidding document contains Bidder Qualification Criteria (BQC), Bids of only those bidders who are found to qualify based on the Qualification Criteria specified in the IFB/LIB shall be considered for detailed Techno-Commercial evaluation. Decision of EIL/PLL in this regard shall be final and binding.

18.0 PERIOD OF VALIDITY OF BIDS

18.1 Bids shall remain valid for the period specified in the **IFB/LIB/RFQ** after the bid submission deadline date prescribed by EIL in accordance with Clause 22.0 of ITB. A bid with shorter validity shall be rejected by EIL as non-responsive. Bidders shall not be entitled during the above period, without the consent of EIL in writing, to revoke or cancel their Bid or to vary the Bid given or any term thereof. In case of bidders revoking or cancelling their Bid or varying any terms in regard thereof without the consent of EIL/Owner in writing, EIL/Owner shall forfeit Bid security, submitted along with the bid and shall reject their bids. Such Bidder may also be put on Black list / Holiday list/ Negative List/Suspension/Banning List.

18.2 In exceptional circumstances, prior to the expiration of the bid validity period, EIL may request bidders to extend the period of validity of their bids. The request and the responses shall be made in writing. If a bid security is requested in accordance with Clause 19 of ITB, it shall also be extended for 30 days beyond the deadline of the extended bid validity period. A bidder may refuse the request without forfeiting its bid security. A bidder granting the request shall not be permitted to modify its bid.

19.0 BID SECURITY / EARNEST MONEY DESPOSIT [Refer IFB/LIB/RFQ for applicability]

19.1 Bids must be accompanied with Earnest Money Deposit / Bid Security in favour of "Petronet LNG Limited" payable at "New Delhi". Bids not accompanied with requisite Earnest Money deposit /Bid Security (or valid Udyam Registration Certificate, wherever applicable) shall be considered as non-responsive and such Bids shall be summarily rejected.

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- 19.2** Bidder shall furnish Bid Security, in original form, as part of its bid, in the amount and currency specified in the Enquiry. Any bid not accompanied with a requisite Bid security or the Bid Security not being for the required amount, shall be summarily rejected by EIL/Owner. Format of Bank Guarantee for Bid Security is provided in Bidding Forms.
- 19.3** Bidder shall be required to upload the scanned copy of original bid security (or documentary proof claiming exemption, wherever applicable) within the final extended bid due date and time on the e-tendering portal. If the Bidder fails to submit Bid Security physically in original or upload copy of the same on the e-tendering portal within the cut-off date as per the bidding document, his bid shall be rejected and not considered for further evaluation. Uploading as well as submitting original Bid Security within the cut-off date is mandatory.
- 19.4** Apart from hard copy submission of BGs, bank guarantee issued towards EMD/CPBG/ABG, etc, it shall be ensured that same is also routed through SFMS platform (Structured Financial Messaging System)/SWIFT message (from foreign bidders) for Bank Guarantee issuance and verification. The information/ messaging (as per SFMS platform) shall be sent by BG issuing bank branch to PLL's Banker. Failure to adhere to this requirement may render the bid liable for rejection.
- 19.5** Owner shall not pay any interest on Bid Security furnished. Further, in case bid security submitted is found to be fake, bid of such bidder shall be rejected and may initiate action as deemed necessary as per EIL /Owner Policy.
- 19.6** The bid security submitted by Indian bidder, shall be in the form of Bank guarantee, in favour of Petronet LNG Limited from any schedule Indian Bank or any branch of international bank situated in India and registered with RBI as schedule foreign bank.
- 19.7** In addition to above, Indian bidder can also submit the EMD through PLL Online EMD Tender Fee Collection portal (detailed procedure attached as Annexure-VI to ITB/LIB), the link for the same is mentioned in IFB/LIB. Bidders shall be required to submit/ upload the successful transaction details along with their bid/e-bid. In absence of submitting/ uploading the remittance details, the bid is likely to be considered as bid not accompanied with EMD. Further, in case of the online transaction, submission of EMD in original is not applicable.
- 19.8** Foreign bidders shall submit unconditional Bank Guarantee from any schedule bank in India or from an international bank who has its Branch in India and registered with RBI as schedule foreign bank incorporated in India strictly in the format provided in Bidding Forms to be denominated in the currency of contract for the amount as applicable may be accepted.
BG issued by any foreign bank, which is not a scheduled bank in India shall be accepted provided that Bank Guarantee issued by such bank is counter guaranteed by any Schedule Bank incorporated in India.
- 19.9** Bank Guarantee shall be valid for One Month beyond the validity period of the bid, or beyond any period of extension if requested under Clause 18 of ITB. In case of extension in original bid validity by more than 15 Days, the Bid Security validity shall be extended accordingly.
- 19.10 Exemption from submission of Earnest Money Deposit shall be as indicated below:**
- a) In case of Micro and Small Enterprise, only Udyam Registration certificate shall be considered for availing the benefit of EMD exemption. Irrespective of the product

category, exemption from payment of EMD shall be given to all eligible MSEs, except for Traders and in Works contracts.

- b) If the MSE bidder does not provide Udyam Registration Certificate or bid security/EMD along with the e-bid to substantiate their MSE status, such offer of such MSE bidder shall be rejected.

In case an MSE bidder has submitted Udyam Registration No. but scanned document is not uploaded along with Bid on e-tendering portal, the same can be accepted provided a valid MSE Certification is available on Government Udyam Registration portal.

- c) The Udyam Registration Certificate shall be verified from Gol Udyam registration portal (Present web address is https://udyamregistration.gov.in/Udyam_Verify.aspx). The status of MSE Bidder as on date of Unpriced Bid Opening shall be considered for EMD exemption benefit.

19.11 Return of bid security:

- a) EMD of late bids/ where unpriced bids not opened, shall be returned after Unpriced bid opening.
- b) EMD of Bidders whose price bids are not opened shall be returned after Price Bid opening.
- c) EMD/ Bid securities of unsuccessful bidders will be returned upon placement of order/ award.
- d) In case of the successful Bidder, the same will be returned after the order/ contract is effective and Contract Performance Bank Guarantee is submitted.
- e) However, in case EIL/Owner decides to cancel / annul the Enquiry / bidding document at any stage during the bidding process but before the award of work/ items (as applicable), EMD of the bidders shall be returned at the earliest from the date of such decision.

19.12 The bid security shall be forfeited:

- (a) If the offer is withdrawn within the Bid validity.
- (b) If the bid is altered/ modified within its Bid validity
- (c) If the bidder does not accept the LOA issued within the Bid validity.
- (d) If the bid is accepted by Petronet LNG Limited and work awarded but the contractor does not furnish Contract Performance Security.
- (e) If the bidder submits the forged document and is indulged in the fraudulent practice the EMD shall be encashed, further the bidder should be put on holiday after following the due process.

Note: In case of forfeiture of EMD/ Bid Security, the forfeited amount will be considered inclusive of tax and tax invoice (if applicable) will be issued by PLL. The forfeiture amount will be subject to final decision of PLL based on other terms and conditions of order/ contract.

20.0 FORMAT AND SIGNING OF BID

20.1 Bids shall be signed by the authorized signatory of the bidder.

20.2 Bidder shall submit a Power of Attorney in favour of authorized bid signatory(ies) and Digital signatory . Requirements for submitting the Power of Attorney (POA) shall be as follows:

i) Company:

- Bidder shall submit a specific Power of Attorney for the enquiry in the name of authorized person. OR
- In case Bid signatory has General Power of Attorney or has the power as per their Board resolution, the same shall be submitted duly certified by Notary Public or CEO/CFO/Company Secretary (CS)/Member of Board of Directors. OR
- In case, Bid is signed by CEO/CFO/CS/any member of board of Directors, no separate POA is required, provided the documentary evidence of their being CEO/CFO/CS/any member of board of Directors is reflected in the MOA/AOA/Financial Statements, else submitted separately in the Bid.

ii) Partnership Firm: In such case,

- Bid can be signed by all the partners of the Firm and in such case no separate POA is required. OR
- Bid can be signed by any of the Partner(s) holding Power of Attorney as specified in the Partnership Deed, OR
- Bid can be signed by an authorized person and shall submit a specific POA for the Enquiry duly signed by all the Partners.

Bidder shall submit the copy of Partnership Deed.

iii) Limited Liability Partnership (LLP) Entity: Bid shall be signed by the person

- holding Power of Attorney as per the registered LLP Agreement for the Firm, OR
- has the power as per their Board resolution, OR,
- having a specific POA for the Enquiry duly signed by all the LLP Partners.

Bidder shall submit (i) a copy of LLP Agreement, and (ii) a copy of Certificate of Incorporation.

iv) Proprietorship: Proprietor shall sign the Bid. Bidder shall also submit a copy of (i) PAN card and (ii) Bank Mandate Form, duly certified by the Bidder's Banker.

v) For Indian Bidder, POA shall be on non-judicial stamp paper of minimum value of INR 100/- and duly Notarized by a Notary Public in India.

For Foreign Bidders, POA shall be:

- on the Stamp Paper of appropriate value or engraving/embossing, in lieu of nonjudicial stamp paper, as per applicable laws in Bidder's Country; or

- as per any other system prevailing in the bidder's country for the purpose of issuing POA.
- vi) Specific POA issued for the Enquiry shall confirm that the authorized signatory have been authorized to do in the name and on behalf of the Company/Firm all or any of the acts, deeds or things necessary in connection with or incidental to the Bid submitted by the bidder for the subject Enquiry Document, including but not limited to the signing and submission of bid, participating in the meetings, responding to queries, submission of information / documents and generally to represent us in all the dealings with EIL/Owner or any person, in connection with the works, without any prejudice, limitations and exceptions till the completion of the bidding process.
- 20.3** Bidders to upload the Un-price and Price part of their e-bids strictly in the Un-price & Priced folders respectively at the designated place in the e-tendering portal. Non-Compliance to the same may lead to rejection of their Bids.
- 20.4 DIGITAL SIGNATORY:**
- i) The e-bid shall be digitally signed (e-signed) using the digital signature of a person duly authorized to sign on behalf of the bidder. The digital signature used for signing the bid shall be issued in the name of such authorized person and the certificate details, available from the signed documents, should indicate the details of the signatories. Any consequences resulting due to such signing (e-signing) shall be binding on the bidder.
 - ii) In case foreign bidder does not have digital signature issued by an Indian certifying authority, he can authorize his Indian representative to use the representative's digital signature to upload the bid on behalf of foreign bidder. In such a case, the authorization letter from foreign bidder to his Indian representative shall be submitted along with the bid.
 - iii) All documents as submitted in the e-Procurement Portal using digital signature at any time during the Bidding process shall be deemed considered signed by the authorized signatory only, irrespective of authorized signatory's signature on all pages or not.

D SUBMISSION AND OPENING OF BIDS

21.0 SEALING AND MARKING OF BIDS

- 21.1** The bidder shall submit the, original Bid Security along with other documents requested in "Original", as per the requirement of relevant clause of ITB, in separate sealed envelopes, duly marking the envelopes as per following:

Part III -Original Bid Security

Name of Work	:	
Bidding Document No.	:	
Due date & Time of Submission	:	
From	:	
		[Name & Address of Bidder]

- 21.2 The envelope shall bear the name and address of the bidder and bear a warning not to open before the time and date for bid opening.
- 21.3 If all envelopes are not sealed and marked as required, EIL will assume no responsibility for the misplacement or premature opening of the EMD.
- 21.4 Bidders shall submit bids (**Part-I & Part-II**) electronically and shall follow the electronic bid submission procedures **enclosed as Annexure-I to this ITB.**

22.0 DEADLINE FOR SUBMISSION OF BIDS

- 22.1 Bidders shall submit their bids electronically in the e-tendering portal, within the date and time **specified in the RFQ/IFB or any extensions thereof.** Bidders submitting bids electronically shall follow the electronic bid submission procedures **enclosed as Annexure-I to this ITB.**

No Physical bid shall be permitted other than submission of the documents categorically asked for in hard copies as part of e-bids submitted online through the e-tendering Portal. The bids submitted online through e-tendering Portal shall only be considered for evaluation and ordering. The e-bid must be complete in all respects, leaving no scope for ambiguity. Bidder shall be fully responsible for the bid submitted in e-tendering portal and no relief or consideration can be given for errors and omissions.

- 22.2 Bid Security in accordance with ITB 19 in original, must be received by EIL at the address and no later than the date and time for submission of Bids **specified in the RFQ/IFB.**
- 22.3 EIL/Owner may, at its discretion, extend the deadline for the submission of bids by amending the Bidding Documents in accordance with Clause 7.0 of ITB, in which case all rights and obligations of EIL/Owner and bidders previously subject to the deadline shall thereafter be subject to the deadline as extended.
- 22.4 Bidder should avoid the last hour rush to the website wherein bidder is likely to miss the deadline for bid submission. Due date extension request due to above reason shall not be entertained.

23.0 LATE BIDS

- 23.1 E-tendering system shall close immediately after the deadline for submission of bid. Any bids being submitted in physical form (other than EMD) shall not be considered for opening / evaluation / award and will be returned to such bidders.
- 23.2 In the event the Bid Security in original, in accordance with ITB 12.1.1, are not submitted within the deadline for submission of bid security, the bids shall be declared late and shall not be considered for further evaluation, notwithstanding the fact that the bid security has been submitted in electronic form within the deadline.
- 23.3 Unsolicited bids or bids being submitted to place/website other than one specifically stipulated in the RFQ documents shall not be considered for opening/evaluation/award.

24.0 WITHDRAWAL, SUBSTITUTION, AND MODIFICATION OF BIDS

- 24.1 The bidder may modify, re-submit or withdraw its e-bid after the bid submission, but, before the due date and time for submission of Bid following the electronic bid submission procedures.

- 24.1** There are two specific features in NIC- Central Public Procurement Portal (CPPP) viz, "Withdraw" and "Re-Submission". Bidders should not use the feature "withdraw" unless they have decided to withdraw their bids. It is to be noted that once "withdraw" feature is used they will not be allowed to re-submit their bid against this Bidding Document. In case a Bidder desires to change his bid for any reason before bid due date, Bidder shall use "Re-Submission" feature.
- 24.2** No bid shall be withdrawn, substituted, or modified in the interval between the deadline for submission of bids and the expiration of the period of bid validity or any extension thereof.
- 24.3** In case bidder fails to accept the order or withdraw the bid after bid submission, punitive action shall be taken against them as per the EIL/PLL Policy.
- 25.0 BID OPENING**
- 25.1** EIL shall open bids received in the e-tendering portal except bidders who are on Holiday/ Suspension / Banning list of EIL / PLL.
- 25.2** EIL shall verify the availability of scanned copy of Bid security is uploaded in Part-I of e-bid during un-priced bid opening.
- 25.3** Except in the cases specified in ITB 23.2, EIL shall open Part-I of all bids received in the e-tendering portal.
- 25.4** The order of part wise opening of bids shall be as follows;
- (i) On scheduled date and time of UNPRICED bid opening,
 - (a) Scanned Copy of Original Bid Security submitted in e-bid shall be opened first and verified that whether Bid Security has been furnished as per bid requirement.
 - (b) Upon meeting the requirement of Bid Security as per Clause (a) above, Opening of documents of Part-I, submitted in electronic form shall be processed on the e-Procurement module of the e-tendering portal.
 - (c) If a bidder has not complied with Bid Security requirement a) above, such bidder's offer shall be rejected out rightly.
 - (ii) Part-II of bid of only those bidders whose bids is determined to be technically and commercially acceptable by EIL shall be opened. Bidders selected for opening of their priced bids shall be informed about the date, time and place of price bid opening and shall not be called for physical participation during bid opening.
- 25.5** In case the enquiry is issued on Composite Bidding i.e. single stage single bid basis, (as per RFQ/BDS), unpriced and priced bid shall be opened together in single stage.

E EVALUATION AND COMPARISON OF BIDS

26.0 CONFIDENTIALITY AND COMMUNICATION PROTOCOL

- 26.1** A bidder may seek clarification regarding the bidding document provisions, bidding process and / or rejection of his bid. EIL shall respond to such requests within a reasonable time. However, such information relating to the evaluation of bids and recommendation of

contract award shall not be disclosed to any other persons not officially concerned with the bidding process.

- 26.2** Any attempt by a bidder to influence EIL in the evaluation of the bids or Contract award decisions shall render their Bid liable for rejection.
- 26.3** Notwithstanding Clause 26.2 of ITB, from the time of bid opening to the time of Contract award, if a bidder wishes to contact EIL on any matter related to the bidding process, it shall done so in writing only.
- 26.4** Bidder shall strictly follow the communication protocol as prescribed in BDS/RFQ. In case the queries are not addressed to the persons specified in the communication protocol stipulated in the BDS/RFQ, EIL may not give any cognizance to the same and EIL shall not be liable to reply them.
- 26.5** Only a bidder who has participated in the concerned procurement process i.e. prequalification or bidding, as the case may be, can make such representation in respect of the procurement process in which they have participated.

In case pre-qualification bid has been evaluated before the bidding of Technical/ financial bids, an application for review in relation to the technical/ financial bid may be filled only by a bidder who has qualified in pre-qualification bid.

In case Priced bids are opened subsequent to qualification/ acceptance of bidders post evaluation of unpriced bids, an application for review in relation to the price bid may be filed only by a bidder whose unpriced bid is found to be acceptable.

Any representation pertaining to Award stage by a bidder whose price bid is opened and is directly affected by such award shall have to submit such representation within 10 days of the issue of LOA.

- 26.6** Following decisions of the EIL/PLL shall not be subject to review
- i) Determination of the need for procurement;
 - ii) Selection of the mode of procurement or bidding system;
 - iii) Choice of selection procedure;
 - iv) Provisions limiting participation of bidders in the procurement process;
 - v) The decision to enter into negotiations with the L1 bidder;
 - vi) Cancellation of the procurement process except where it is intended to subsequently re-tender the same requirements
 - vii) Issues related to ambiguity in contract terms after award of contract.
 - viii) Complaints against specifications except under the premise that they are either vague or too specific so as to limit competition may be permissible.

27.0 DEVIATIONS, RESERVATIONS, AND OMISSIONS

27.1 During the evaluation of bids, the following definitions apply:

- (a) "Deviation" is a departure from the requirements specified in the Bidding Documents;
- (b) "Reservation" is the setting of limiting conditions or withholding from complete acceptance of the requirements specified in the Bidding Documents; and
- (c) "Omission" is the failure to submit part or all of the information or documentation required in the Bidding Documents.

28.0 DETERMINATION OF RESPONSIVENESS

28.1 EIL/Owner's determination of a bid's responsiveness is to be based on the contents of the bid itself, as defined in Clause 12.0 of ITB.

28.2 Bids/ offers/ tenders that do not meet the basic requirements specified in the Bidding Document shall be treated as unresponsive and ignored. All tenders received will first be scrutinised to see whether the tenders meet the basic requirements as per the Bidding Document and to identify unresponsive tenders, if any. Unresponsive offers may not subsequently be made responsive by correction or withdrawal of the non-conforming stipulation. Points on the basis of which a tender may be declared as unresponsive and be ignored during the initial scrutiny are:

- i. Bidder is debarred or on holiday or suspension as per the terms specified in the Bidding Document.
- ii. In case contract/ Purchase order awarded for the tendered work have to be terminated due to Contractor's/ supplier's default and a separate enquiry / tender have to be floated to get the remaining/ complete work executed, such defaulting Contractor/ supplier will not be considered for enquiries/ tenders issued for the refloated work/ enquiry.
- iii. The required EMD and Bid document fee (as applicable) has not been provided or exemption from EMD is claimed without acceptable proof of exemption;
- iv. In case bidder declares in the bid that they are under liquidation, court receivership or similar proceedings.
- v. Offer received from bidders to whom enquiry has not been issued in case of limited enquiry shall not be considered.
- vi. Bidder declares of labour strike or lock-out during the course of evaluation or if it comes to notice of EIL.

After examination of preliminary responsiveness as above, the bids determined as responsive shall be considered for further evaluation and shall be evaluated in detail to examine for any shortfall of information/documents and necessary clarifications may be sought at the sole decision of EIL/PLL.

28.3 In addition to above, in case tender is issued on other than 'Zero Deviation' basis, following provision shall also apply:

A substantially responsive bid is one that meets the requirements of the Bidding Documents without material deviation, reservation, or omission. A material deviation, reservation, or omission is one that,

(a) if accepted, would:

- (i) affect in any substantial way the scope, quality, or performance of the Works specified in the Contract; or
- (ii) limit in any substantial way, inconsistent with the Bidding Documents, EIL's rights or the bidder's obligations under the proposed Contract; or

(b) if rectified,

- (i) would unfairly affect the competitive position of other bidders presenting substantially responsive bids.

- 28.4** Bidder shall not be allowed to submit any Price Implication or Revised Price after submission of e-Bid. In case Exceptions and Deviations submitted by Bidder along with Bid are not considered acceptable and no Amendment is issued incorporating such changes, then in such a case the Bidders would be required to withdraw such Exceptions/Deviations unconditionally in favour of stipulations of the RFQ document without any price implication, failing which such Bid(s) shall be considered as non-responsive and liable for rejection.

29.0 CLARIFICATION OF BIDS

- 29.1** Bidders should ensure that the Bid submitted is substantially responsive Bid in the first instance itself. Evaluation may be completed based on the content of the Bid itself without seeking any subsequent additional information which may result in rejection of Bid. However, EIL may, at its discretion, may request bidder to submit the necessary information or documentation, within a reasonable period of time, to withdraw material deviation, reservation, or rectify omission in the bid related to documentation requirements. Requesting information or documentation on such account shall not be related to any aspect of the price of the Bid(forming part of evaluation). EIL's request for clarification and the response shall be in writing.
- 29.2** No change, including any voluntary increase or decrease, in the prices or substance of the bid shall be sought, offered, or permitted. Bidder shall not be allowed to submit any price implication or revised price after submission of Bid unless the same is called for by EIL in writing.
- 29.3** Any clarification submitted by a bidder that is not in response to a request by EIL shall not be considered. Failure of the bidder to comply with the request may result in the rejection of its Bid.
- 29.4** If a bidder does not provide clarifications of its bid by the date and time set in EIL's request for clarification, its bid shall be evaluated with available information which may result in rejection of their bid.

30.0 EVALUATION OF TECHNO-COMMERCIAL BIDS

- 30.1** Prior to price opening of bids, EIL will determine whether each bid is
- (i) accompanied with required Bid Security as applicable;
 - (ii) Fulfils the technical, financial, experience and other requirements as specified in the Bidding Document;
 - (iii) Bid's responsiveness, in accordance with Clause 27.0 of ITB;
 - (iv) Authentication of qualification documents (for open competitive bids only);
 - (v) Any other relevant factor, if any that EIL deems necessary or prudent to be taken into consideration.
- 30.2** For assessment of submission(s) made by bidder towards their qualification /acceptance, PLL/EIL reserves the right to use in-house information and their performance on jobs completed/ in progress for evaluation purpose.
- 30.3** Any unsolicited reduction in price offered by a bidder within the bid validity by way of discount or revised prices, subsequent to the bid due date, shall not be taken into account

for comparison. However, such reduction in price shall be taken into account for ordering if such bidder happens to be recommended as per the originally quoted prices.

- 30.4** In view of the enquiries being issued on zero deviation basis, Technical or commercial queries shall not be raised. However, EIL reserves the right to raise queries in exception situations. CQ/ TQs, if any, shall be issued through E-tendering portal and Bidder shall submit their replies through E-tendering portal only. Accordingly, CQ/ TQ replies through any other mode (e-mail, physical form) shall not be accepted. Offers shall be evaluated based on the information available upto cut-off date for CQ/ TQ replies. Bidder shall not submit any Price against TQ/ CQ raised unless specifically sought in writing.

- 30.5** In view of zero deviation bidding, in case of MRs (group/ basket/ block/ itemwise) / Lumpsum Enquiry, during unpriced evaluation if a bidder has not quoted any part/component/ freight etc, the bid of such a bidder for the corresponding group/ basket/ block/ item (or the entire MR/ lumpsum Enquiry, in case there is only one group/ block) shall stand rejected. However, EIL reserve the right to ask the bidder to absorb the same (except in case of an item not being quoted in an item wise MR). Non-compliance shall result in rejection of corresponding item/group/block.

It is clarified here that for grouped/ basket/ block, if any item not quoted, the offer shall be rejected for that group/ basket/ block without any CQ/ TQ.

In case, the above is discovered post priced bid opening, such bidder's bid shall not be considered for evaluation for the corresponding group/ block or entire MR/ tender, if there is only one single group/ block. In such an event, the lowest bidder shall be determined out of the remaining bidders.

31.0 OPENING OF PRICE BID

- 31.1** Priced Bid (Part-II) of only those bidders whose bids is determined to be technically and commercially acceptable by EIL/Owner shall be opened. Bidders selected for opening of their priced bids shall be informed about the date, time and place of price bid opening and shall not be called for physical participation during bid opening.

- 31.2** In case of enquiries having more than one group/block/basket, the Price Bids of Qualified bidders whose bids are determined to be technically and commercially acceptable for the respective group/block/basket shall only be considered for Price Opening / Evaluation.

32.0 CORRECTION OF ARITHMETICAL ERRORS

The prices quoted by bidders shall be checked for arithmetic correction, if any, based on rate and amount filled by the bidder in the SOR/price schedule/BoQ formats. Based on the format of price schedule/SOR, suitable provisions shall be incorporated in enquiry document as follows:

32.1 RATE AND AMOUNT IN FIGURES AND WORDS

- a) When there is a discrepancy between the rate in figures and in words for an item, the rate which corresponds to the amount shall be taken as correct.

b) When the rate quoted by the bidder in figures and words tallies but the amount is incorrect, the rate quoted by the tenderer shall be taken as correct.

c) When it is not possible to ascertain the correct rate as detailed above, the rate quoted for the item in words shall be adopted as the quoted rate. If there is an error in total corresponding to the sub-totals, the totals shall prevail and sub-totals shall be corrected;

32.2 RATE AND AMOUNT IN FIGURES ONLY

When rate and amount are in figures only, in case of discrepancy, the rate quoted by bidder shall be taken as correct.

32.3 LUMPSUM AMOUNT ONLY IN FIGURES AND WORDS

When a lumpsum amount is quoted in figure and words but no unit rates are not required to be quoted, amount quoted in words shall be taken as correct.

In case of any discrepancy, Bidders shall be requested to accept correction of arithmetical errors. Failure to accept the correction in accordance with Clause 32.1 of ITB, shall result in the rejection of the Bid and Bid Security shall be forfeited. the same shall be treated as withdrawal of bid and dealt as per the Prevailing Policy and provision of tender document

33.0 CONVERSION TO SINGLE CURRENCY

33.1 In global enquiries, for evaluation and comparison purposes, the foreign currency of the Bid shall be converted into a single currency (i.e. INR), and that will be:

Equivalent Rupees at the Bill selling exchange rate published by the State Bank of India, New Delhi (SBI Card rate for above 10 Lakhs) on one day prior to date of price bid opening shall be considered. In case exchange rate as on one day prior to date of priced bid opening is not available, the latest exchange rate available prior to one day before to date of priced bid opening shall be considered.

34.0 EVALUATION AND COMPARISON OF PRICE BIDS

34.1 EIL shall compare the price bids based on the award methodology and loading criteria, if any, provided in **IFB/LIB/BDS** to determine the lowest evaluated bid.

34.2 When price implication is not specifically sought in writing from the bidder and the bidder on his own in response to CQ/TQ or any other reason submits the price implication, the same shall be treated as unsolicited price implication.

34.3 Any unsolicited reduction in price offered by a bidder within the bid validity by way of discount or revised prices, subsequent to the bid due date, shall not be taken into account for comparison. However, such reduction in price shall be taken into account for ordering if such bidder happens to be recommended as per the originally quoted prices.

34.4 In the event of any unsolicited price increase sought by any bidder, subsequent to the bid due date, the bid of such a bidder shall be rejected, in case the bidder does not agree to withdraw the price increase. In case, price increase is sought by the L1 bidder after priced bid opening and the bidder does not agree to withdraw the price increase, the order shall not be placed with price increase and the enquiry shall be refloated. Wherever, decision is taken to reject a bid, EMD, if submitted, by the Bidder, shall also be forfeited and appropriate action shall be taken as per applicable policy / procedure of EIL.

- 34.5** Any implication on account of wrong quotation of taxes and duties shall be to Bidder's account. However, the payment towards such taxes and duties quoted by the bidder shall be restricted to lower of taxes and duties quoted by the bidder or the documentary evidence provided by the bidder.
- 35.0 OWNER/EIL'S RIGHT TO ACCEPT ANY BID, AND TO REJECT ANY OR ALL BIDS**
- 35.1** The PLL/EIL reserves the right to accept or reject any bid, and to annul the bidding process and reject all bids at any time prior to award of the order without thereby incurring any liability to the affected bidder or bidders or any obligations to inform the affected bidder or bidders on the ground of such action by EIL.
- 36.0 DELETED**

F AWARD OF CONTRACT

37.0 AWARD CRITERIA

- 37.1** Subject to Clause 34.1 of ITB, the EIL / Owner shall award the Contract to the bidder who has been determined to be the lowest evaluated bid. However, if in the opinion of Owner, the total price or certain item rates quoted by the lowest evaluated bidder are considered high, Owner may invite such bidder for price negotiation. Lowest quoted bidder shall attend such negotiation meetings and if requested by Owner shall provide the analysis of rates/break-up of amount quoted by him for any or all items of Schedule of Rates/ Prices to demonstrate the reasonability. As a result of negotiation, bidder may offer rebate on his earlier quoted Price.
- 37.2** In an extreme situation, when there is a 'TIE' based on the evaluated price (after loadings, if any), recourse shall be taken on the basis of Bidder's maximum annual turnover during the last 3 years. For this purpose, annual turnover of the bidders having tie, shall be tabulated for the past 3 years and maximum annual turnover in any of the last 3 years shall be determined for each bidder. The Bidder whose maximum turnover is highest shall be the recommended Bidder.

38.0 REVERSE AUCTION

- 38.1** Owner/EIL reserve the right to conduct reverse auction among the technically and commercially acceptable bidders. The decision, if any, to conduct reverse auction, will be conveyed to short listed bidders prior to opening of price bid. In case of more than three technically commercially qualified Bidders against the subject tender, the bidder with highest bid received in Price Bid (BoQ) against the Tender shall not be eligible to participate in the Reverse Auction process and his bid will be rejected. Two Stage process shall be followed for Reverse Auction wherein after the Price Bid opening, the Reverse Auction shall be separately scheduled on portal.

The terms & conditions applicable for reverse auctioning shall be as per Annexure-IV to this ITB. However, the % reduction of evaluated price in the Reverse Auction w.r.t. the evaluated price based on price quoted by the bidder in e-bid shall be considered as a uniform discount applicable on all the items of SOR.

39.0 DELETED**40.0 SITUATIONS IN WHICH THE AWARD CAN BE RESORTED TO L2 BIDDER**

- i) Under insolvency or Bankruptcy Bidders shall submit declaration on proceedings under Insolvency and Bankruptcy Code, 2016. Offer will not be considered of bidder(s) in the following cases:

(a) If the bidder is undergoing insolvency resolution process or liquidation or bankruptcy proceedings under Insolvency and Bankruptcy Code, 2016 (Code) or any other applicable law (in cases where code is not applicable).

(b) Insolvency resolution process or liquidation or bankruptcy proceeding is initiated under the Code or any other applicable law (in cases where code is not applicable) against/ by the bidder at any stage of evaluation of the bid.

In case where the bid of the L-1 bidder is rejected on the aforesaid grounds during the period between Price-Bid-Opening and Award of Contract, the bid of the next higher eligible bidder may be considered for further processing subject to matching of L1 bidder's prices.

- ii) Treatment of Holiday listed L-1 Bidder: If after opening of price bids, it has come to the notice that the L-1 bidder has already been put on holiday list due to any reason whatsoever at any location within PLL/EIL, the party will not be considered for issue of order, the bid of the next higher eligible bidder may be considered for further processing subject to matching of L1 bidder's prices.

41.0 NOTIFICATION OF AWARD

- 41.1** Prior to the expiration of the period of bid validity, the Owner shall notify the successful bidder, in writing, that its bid has been accepted. The notification letter (hereinafter called the "**Letter of Award (LOA) / PURCHASE ORDER (PO)**") shall specify the sum that the Owner will pay the Supplier in consideration of the execution and completion of the Supply/Works.

- 41.2** Copies of LOA / PO shall be submitted back by Supplier duly signed and stamped as a token of their acknowledgement.

42.0 CONTRACT PERFORMANCE BANK GUARANTEE

- 42.1** Within thirty (30) days of the receipt of notification of award, the successful bidder shall comply with the requirement of Contract Performance Bank Guarantee.

- 42.2** Failure of the successful bidder to submit the above-mentioned Contract Performance Bank Guarantee or sign the Contract shall constitute sufficient grounds for the annulment of the award and forfeiture of the bid security.

43.0 Deleted**44.0 PROCUREMENT FROM A BIDDER FROM A COUNTRY SHARING LAND BORDER WITH INDIA**

Department of expenditure vide OM no. 7/10/2021-PPD (1) DATED 23.02.2023 has issued the Revised Guidelines for Restriction on Procurement from Bidders from Countries sharing Border with India.

In view of the above order, following guidelines are issued for compliance:

- a) Any bidder from a country which shares a land border with India will be eligible to bid in any procurement whether of goods, services (including consultancy services & non-consultancy services) or works (including turnkey projects) only if the bidder is registered with the Competent Authority specified in Annexure-I of the DoE OM dated 23.07.2020 {Public Procurement No.1}.
- b) These orders will not be applicable to the bidders from those countries (even if sharing a land border with India) to which the Government of India has extended lines of credit or in which the Government of India is engaged in development projects.
- c) Updated lists of countries to which lines of credit have been extended or List of countries in which development grant projects are undertaken are given on the website of Ministry of External Affairs.
- d) Bidder shall refer to the enclosed **Annexure-II of ITB**.

Bidders shall submit a certificate of compliance in the enclosed Form I A / II of Annexure-II of ITB.

45.0 NON-APPLICABILITY OF ARBITRATION CLAUSE IN CASE OF BANNING OF VENDORS/SUPPLIERS/CONTRACTORS/BIDDERS/CONSULTANTS INDULGED IN FRAUDULENT/COERCIVE PRACTICES

Arbitration clause will not be applicable in case of banning of Vendors/suppliers/contractors/bidders/consultants indulged in fraudulent/ coercive practices. Accordingly, the following provision shall be applicable:

“Notwithstanding anything contained contrary in GCC and other sections of Bidding Document, in case it is found that the Vendors/ Suppliers/ Contractors/ Bidders/ Consultants indulged in fraudulent/ coercive practices at the time of bidding, during execution of the contract etc., and/or on other grounds as mentioned in PLL’s “Procedure”, the contractor/bidder/vendor/supplier /consultant shall be banned (in terms of aforesaid procedure) from the date of issuance of such order by PLL., to such Vendors/ Suppliers/ Contractors/ Bidders/ Consultants and PLL has the right to take appropriate legal remedy available to it under the applicable laws. Such disputes shall be governed by the jurisdiction clause of the contract.

46.0 PROCEDURE FOR ACTION IN CASE CORRUPT/ FRAUDULENT/COLLUSIVE/ COERCIVE PRACTICES

Procedure for action in case Corrupt/ Fraudulent/Collusive/Coercive Practices is enclosed with General Conditions of Contract. Further, EIL may also initiate suitable actions against above and procedure for the same is available in EIL website.

47.0 COMPLIANCE OF PLL INSIDER'S TRADING:

By virtue of association / engagement with Petronet LNG Limited (PLL), it is likely that certain Unpublished Price Sensitive Information (UPSI) as defined under "Code for Prevention of Insider Trading in the Securities of PLL" (hereinafter called Code), copy of which is hosted on the website of the company www.petronetlng.in, that is not generally available and which upon becoming generally available is likely to materially affect the price of the securities issued by PLL, might be shared with you / your organization. It is hereby cautioned that you or any of your team members or immediate relatives thereof or your organization, should not trade in the securities of PLL while in possession of such UPSI or communicate such UPSI to any person except in furtherance of legitimate purposes (as defined in the Code), performance of duty or discharge of legal obligations. Any trades in securities of PLL, directly or indirectly, while in possession of any UPSI would be presumed to have been motivated by the knowledge and awareness of the UPSI and the onus to prove that trades were executed otherwise would be on you or any of your team members or your organization as the case may be. It is therefore advised that all concerned as stated above must familiarize himself/themselves with the "Code for Prevention of Insider Trading in the Securities of PLL", copy of which is hosted on the website of the company.

Accordingly, it must be ensured that any UPSI, whenever received from the company:

- (a) shall be used solely for the purpose for which it is being disclosed;
- (b) shall be preserved and the secrecy of such information shall be maintained;
- (c) shall not be disclosed to any third party;
- (d) shall be kept securely and properly protected against theft, damage, loss and unauthorized access (including access by electronic means) by deploying means similar to those being used to secure its own confidential information;
- (e) to notify PLL immediately upon becoming aware that any of the confidential information has been disclosed to or obtained by a third party.

It may be noted that any violation in dealing with UPSI shall be considered as breach of terms of engagement / Contract and PLL shall take necessary action for such breach in addition to reporting to SEBI for taking necessary action under SEBI (Prohibition of Insider Trading) Regulations, 2015 or subsequent amendments thereof. Further, SEBI may take any action including levy of penalty etc. as per SEBI Regulations in this regard in case of any violation in dealing with UPSI at your end.

48.0 UNIQUE DOCUMENT IDENTIFICATION NUMBER

The Institute of Chartered Accountant of India at its 379th council meeting dated 17-18th December, 2018 made generation of Unique Document Identification Number (UDIN) mandatory for every signature of full time practicing chartered accountant in phased manner for following services:

- a) All certificates with effect from 1st February, 2019.
- b) GST and Income Tax Audit with effect from 1st April, 2019.
- c) All Audit and Assurance Functions with effect from 1st July, 2019.

In view of the above, bidder shall ensure that any certificate/ reports issued/ attested by an practicing chartered accountant in India and submitted in the bid shall mandatorily include the UDIN number. Certificate / reports issued/ attested without UDIN number of practicing chartered accountant in India shall not be considered for evaluation. The requirement of including UDIN shall not be applicable for certificate/ reports issued/ attested by a chartered accountant practising in Foreign Country.

49.0 TRADE RECEIVABLE DISCOUNTING SYSTEM (TReDS)

Government of India (GoI) introduced a scheme for setting up and operating the institutional mechanism for facilitating the financing of trade receivables of MSMEs from corporate buyers through multiple financiers known as Trade Receivables Discounting System (TReDS). This enables MSMEs to maintain the level of their Working Capital and process more and more corporate orders with minimum lead time.

E-TENDERING METHODOLOGY

Instructions for Online Bid Submission:

The bidders are required to submit soft copies of their bids electronically on the CPP Portal (URL: <http://eprocure.gov.in>) only, using valid Digital Signature Certificates. The instructions given below are meant to assist the bidders in registering on the CPP Portal, prepare their bids in accordance with the requirements and submitting their bids online on the CPP Portal.

More detailed information useful for submitting online bids on the CPP Portal may be obtained at:

<http://eprocure.gov.in/eprocure/app> .

REGISTRATION

- 1) Bidders are required to enroll on the e-Procurement module of the Central Public Procurement Portal (URL: <http://eprocure.gov.in/eprocure/app>) by clicking on the link “Click here to Enroll” on the CPP Portal is free of charge.
- 2) As part of the enrolment process, the bidders will be required to choose a unique username and assign a password for their accounts.
- 3) Bidders are advised to register their valid email address and mobile numbers as part of the registration process and submit in EIL tender portal for updation of records (<http://tenders.eil.co.in>) . These details would be used for any communication from the CPP Portal.
- 4) Upon enrolment, the bidders will be required to register their valid Digital Signature Certificate (DSC) (Class II or Class III Certificates with signing key usage) issued by any Certifying Authority recognized by CCA India (e.g. Sify / TCS / nCode / eMudhra etc.), with their profile.
- 5) Foreign Bidders have to refer “DSC details for foreign Bidders” for Digital signature Certificates requirements which comes under Download Tab at <http://eprocure.gov.in/eprocure/app> and the remaining part is same as above and below.
- 6) Only one valid DSC should be registered by a bidder. Please note that the bidders are responsible to ensure that they do not lend their DSC's to others which may lead to misuse.
- 7) Bidder then logs in to the site through the secured log-in by entering their user ID / password and the password of the DSC / e-Token.

SEARCHING FOR TENDER DOCUMENTS

- 1) There are various search options built in the CPP Portal, to facilitate bidders to search active tenders by several parameters. These parameters could include Tender ID, organization name, location, date, value, etc. There is also an option of advanced search for tenders, wherein the bidders may combine a number of search parameters such as organization name, form of contract, location, date, other keywords etc. to search for a tender published on the CPP Portal.
- 2) Once the bidders have selected the tenders they are interested in, the same can be moved to the respective ‘My Tenders’ folder. This would enable the CPP Portal to intimate the bidders through SMS / e-mail in case there is any corrigendum issued to the tender document.

- 3) The bidder should make a note of the unique Tender ID assigned to each tender, in case they want to obtain any clarification / help from the Helpdesk.

PREPARATION OF BIDS

- 1) Bidder should take into account any corrigendum published on the tender document before submitting their bids.
- 2) Please go through the tender advertisement and the tender document carefully to understand the documents required to be submitted as part of the bid. Please note the number of covers in which the bid documents have to be submitted, the number of documents - including the names and content of each of the document that need to be submitted. Any deviations from these may lead to rejection of the bid.
- 3) To avoid Network congestion, Bidder is recommended to upload file size of up to Maximum 35 MB per part. However, in case file size exceeds 35 MB, bidder may compress the files by scanning with 75 dpi setting as per s.no 4 below and can use additional 25 MB space ("My Documents") provided to the bidder as per s.no 5 below.
- 4) Bidder, in advance, should get ready the bid documents to be submitted as indicated in the tender document and generally, they can be in PDF / XLS / RAR / DWF formats. **Bid documents may be scanned with 75 dpi with black and white option. However, Price Schedule / SOR shall be strictly in RAR format without altering any contents of the formats uploaded by EIL in their Bidding Document.**
- 5) To avoid the time and effort required in uploading the same set of standard documents which are required to be submitted as a part of every bid, a provision of uploading such standard documents (e.g. PAN card copy, annual reports, auditor certificates etc.) has been provided to the bidders. Bidders can use "My Documents" area available to them to upload such documents. These documents may be directly submitted from the "My Documents" area while submitting a bid, and need not be uploaded again and again. This will lead to a reduction in the time required for bid submission process.

SUBMISSION OF BIDS

- 1) Bidder should log into the site well in advance for bid submission so that he/she upload the bid in time i.e. on or before the bid submission time. Bidder will be responsible for any delay due to other issues.
- 2) The bidder has to digitally sign and upload the required bid documents one by one as indicated in the tender document.
- 3) Bidder has to select the payment option as "offline" to pay the tender fee / EMD as applicable and enter details of the instrument.
- 4) Bidder should prepare the EMD as per the instructions specified in the tender document. The original should be posted/couriered/given in person to the Tender Processing Section, as per instructions specified in ITB. The details of the DD/any other accepted instrument, physically sent, should tally with the details available in the scanned copy and the data entered during bid submission time. Otherwise the uploaded bid will be rejected.
- 5) A Price Bid format has been provided with the tender document to be filled by all the bidders. Bidders are requested to note that they should necessarily submit their financial bids in the format provided and no other format is acceptable. Bidders are required to download the Price Bid file, open it and complete the cells with their respective financial quotes and other

details (such as name of the bidder). No other cells should be changed. Once the details have been completed, the bidder should save it and submit it online, without changing the filename. If the Price Bid file is found to be modified by the bidder, the bid will be rejected.

- 6) The server time (which is displayed on the bidders' dashboard) will be considered as the standard time for referencing the deadlines for submission of the bids by the bidders, opening of bids etc. The bidders should follow this time during bid submission.
- 7) All the documents being submitted by the bidders would be encrypted using PKI encryption techniques to ensure the secrecy of the data. The data entered cannot be viewed by unauthorized persons until the time of bid opening. The confidentiality of the bids is maintained using the secured Socket Layer 128 bit encryption technology. Data storage encryption of sensitive fields is done.
- 8) The uploaded tender documents become readable only after the tender opening by the authorized bid openers.
- 9) Upon the successful and timely submission of bids, the portal will give a successful bid submission message & a bid summary will be displayed with the bid no. and the date & time of submission of the bid with all other relevant details.
- 10) The bid summary has to be printed and kept as an acknowledgement of the submission of the bid. This acknowledgement may be used as an entry pass for any bid opening meetings.

RETENDER

Please note that if Tender has been retendered, than it is mandatory for the bidder to submit their offer again on CPP Portal.

WITHDRAWAL OF BID

It may please be noted that bidders now have an additional feature of withdrawing their bids before due date and time. After submitting the bid on the CPP Portal, if the bidder wishes to withdraw his bid, he can do so. However, if the bidder withdraws his bid, he will be exempted from further participation in the tender and won't be able to submit his bid again for that particular tender.

ASSISTANCE TO BIDDERS

- 1) Any queries relating to the tender document and the terms and conditions contained therein should be addressed to the Tender Inviting Authority for a tender or the relevant contact person indicated in the tender.
- 2) Any queries relating to the process of online bid submission or queries relating to CPP Portal in general may be directed to the 24 x 7 CPP Portal Helpdesk. The contact number for the helpdesk is 1800-3070-2232 and Mobile Nos +91-7878007972, +91-7878007973.

Restriction on Procurement from Bidders from Country(ies) sharing land border with India

- 1.0 Department of Expenditure (DoE) vide **O.M. No. 7/10/2021-PPD(1) dated 23.02.2023** has issued the revised guidelines for Restrictions on Procurement from Bidders from Country(ies) sharing Border with India. These guidelines are available on the website of DoE (<https://doe.gov.in>).
- 2.0 **Requirement of registration from Competent Authority:**
 - i). Any Bidder from a country which shares a land border with India will be eligible to bid in any procurement whether of goods, services (including consultancy services and non-consultancy services) or works (including turnkey projects) only if the Bidder is registered with the Competent Authority, specified in **Annexure-I of DoE O.M. No. 7/10/2021-PPD(1) dated 23.02.2023..**
 - ii). Any Bidder (including an Indian bidder) who has a Specified Transfer of Technology (ToT) arrangement with an entity from a country which shares a land border with India will be eligible to bid in any procurement whether of goods, services (including consultancy services and non-consultancy services) or works (including turnkey projects) only if the Bidder is registered with the Competent Authority, specified in **Annexure-I of DoE O.M. No. 7/10/2021-PPD(1) dated 23.02.2023.**
- 3.0 **This Order shall not apply to the following special cases:**
 - i). In projects which receive international funding with the approval of the Department of Economic Affairs (DEA), Ministry of Finance, the procurement guidelines applicable to the project shall normally be followed, notwithstanding anything contained in this order and without reference to the Competent Authority. Exceptions to this shall be decided in consultation with DEA.
 - ii). This order shall not apply to procurement by Indian missions and by offices of Government agencies/ undertakings located outside India.
 - iii). This order will not apply to Bidders (or Entities) from those countries (even if sharing a land border with India) to which the Government of India has extended lines of credit or in which the Government of India is engaged in development projects. Updated lists of countries to which lines of credit have been extended or in which development projects are undertaken are given on the website of the Ministry of External Affairs.
 - iv). Procurement of spare parts and other essential service support like Annual Maintenance Contract (AMC)/ Comprehensive Maintenance Contract (CMC), including consumables for closed systems, from Original Equipment Manufacturers (OEMs) or their authorized agents, shall be exempted from the requirement of registration.
- 4.0 **Definitions:**
 - i). **"Bidder"** (including the term 'Tenderer', 'Consultant' 'Vendor' or 'Service Provider' in certain contexts) means any person or firm or company,

including any member of a Consortium or Joint Venture (that is an association of several Persons, or Firms or Companies), every artificial juridical person not falling in any of the descriptions of Bidders stated hereinbefore, including any Agency, Branch or Office controlled by such person, participating in a procurement process.

- ii). **"Tender"** will include other forms of procurement, except where the context requires otherwise.
- iii). **"Transfer of Technology"** means dissemination and transfer of all forms of commercially usable knowledge such as transfer of know-how, skills, technical expertise, designs, processes and procedures, trade secrets, which enables the acquirer of such technology to perform activities using the transferred technology independently. (Matters of interpretation of this term shall be referred to the Registration Committee constituted by the Department for Promotion of Industry and Internal Trade, and the interpretation of the Committee shall be final.)
- iv). **"Specified Transfer of Technology"** means a transfer of technology in the sectors and/ or technologies, specified in [paragraph 5.0](#), occurring on or after 23.07.2020.
- v). **"Bidder (or entity) from a country which shares a land border with India"** means
 - (a) An entity incorporated, established or registered in such a country; or
 - (b) A subsidiary of an entity incorporated, established or registered in such a country; or
 - (c) An entity substantially controlled through entities incorporated, established or registered in such a country; or
 - (d) An entity whose beneficial owner is situated in such a country; or
 - (e) An Indian (or other) agent of such an entity; or
 - (f) A natural person who is a citizen of such a country; or
 - (g) A Consortium or Joint Venture where any member of the Consortium or Joint Venture falls under any of the above.
- vi). **Beneficial Owner** for the purposes of [paragraph 4.0 v\) \(d\)](#) will be as under:
 - a) **In case of a Company or Limited Liability Partnership**, the beneficial Owner is the natural person(s), who, whether acting alone or together, or through one or more juridical person(s), has a controlling ownership interest or who exercises control through other means.

Explanation: -

1. "Controlling ownership interest" means ownership of, or entitlement to, more than twenty-five per cent of shares or capital or profits of the company;
2. "Control" shall include the right to appoint the majority of the Directors or to control the management or policy decisions,

including by virtue of their shareholding or management rights or shareholders agreements or voting agreements;

- b) **In case of a Partnership Firm**, the beneficial Owner is the natural person(s) who, whether acting alone or together, or through one or more juridical person, has ownership of entitlement to more than fifteen percent of capital or profits of the partnership;
- c) **In case of an Unincorporated Association or body of Individuals**, the beneficial Owner is the natural person(s), who, whether acting alone or together, or through one or more juridical person, has ownership of or entitlement to more than fifteen percent of the property or capital or profits of such association or body of individuals;
- d) Where no natural person is identified under a) or b) or c) above, the beneficial Owner is the relevant natural person who holds the position of senior managing official;
- e) **In case of a Trust**, the identification of beneficial Owner(s) shall include identification of the author of the trust, the trustee, the beneficiaries with fifteen percent or more interest in the trust and any other natural person exercising ultimate effective control over the trust through a chain of control or ownership.

vii). **"Agent"** is a person employed to do any act for another, or to represent another in dealings with third persons.

[Note:

- i). A person who procures and supplies finished goods from an entity from a country which shares a land border with India will, regardless of the nature of his legal or commercial relationship with the producer of the goods, be deemed to be an Agent for the purpose of this Order.
- ii). However, a Bidder who only procures raw material, components etc. from an entity from a country which shares a land border with India and then manufactures or converts them into other goods will not be treated as an Agent.]

5.0 **Sensitive Sectors/ Technologies (relevant only for the provisions on ToT arrangements):**

- i). Certain sectors and technologies have been identified as sensitive from the national security point of view. **The sectors listed in [Schedule I \(copy attached\)](#) are considered Category-I sensitive sectors. The sectors listed in [Schedule II \(copy attached\)](#) are considered Category-II sensitive sectors.** The technologies listed in [Schedule III \(copy attached\)](#) are considered sensitive technologies.
- ii). For **Category-I sensitive sectors**, Bidders with ToT arrangement in any technology with an entity from a country which shares a land border with India shall require registration.
- iii). For **Category-II sensitive sectors**, Bidders with ToT arrangement in the sensitive technologies listed in [Schedule III](#), with an entity from a country which shares a land border with India shall require registration.

- iv). In **Category-II sensitive sectors**, the Secretary (or an officer not below the rank of Joint Secretary to Government of India, so authorized by the Secretary) of the Ministry/ Department of the Government of India is empowered, after due consideration, to waive the requirement of registration for a particular item/ application or a class of items/ applications from the requirement of registration, even if included in Schedule-III. The Ministry/ Department concerned shall intimate the Department for Promotion of Industry and Internal Trade (DPIIT) and National Security Council Secretariat (NSCS) of their decision to waive the requirement of registration.

Ministries/ Departments of the Government of India are not required to consult the DPIIT/ NSCS before deciding and are only required to intimate the decision to DPIIT/ NSCS. If any point is raised by DPIIT/ NSCS, it should be considered in future procurements; ongoing procurement for which the waiver was granted need not be interrupted or altered.

Based on security considerations, a Ministry/ Department in a **Category-II sensitive sector** or other Ministries/ Departments may recommend to DPIIT inclusion of any other technology in the list of sensitive technologies, either generally or for their Ministry/ Department.

6.0 **Sub-contracting in works contracts**

In works contracts, including turnkey contracts, Contractors shall not be allowed to sub-contract works to any Contractor from a country which shares a land border with India unless such contractor is registered with the Competent Authority. The definition of "**Contractor from a country which shares a land border with India**" shall be as given in above [paragraph 4.0 v](#)).

[Note: Procurement of raw material, components, etc. does not constitute sub- contracting.]

7.0 **Certificate regarding compliance**

Bidder shall submit a certificate of Compliance in the enclosed [Form-I A/ Form-I B/ Form - II](#) (as applicable).

This certificate shall be on the Bidder's Letter head and shall be duly signed & stamped by the authorised signatory of the Bidder.

In case at any stage, if it found the certification given by the Bidder is false, their Bid shall be rejected and shall be liable for other penal actions like placement on Suspension/ banning or forfeiture of EMD (if applicable). However, if this is found after order placement, this would be ground for immediate termination and further legal actions in accordance with law/ provisions of Bidding Document including suspension/ banning and forfeiture of CPBG/ Security Deposit.

BIDDER'S UNDERTAKING
(On Company's Letter Head)

To,

M/s Engineers India Limited/ _____ (Name of the client)

Tender Name : _____

Tender No. : _____

"I have read the clause regarding restrictions on procurement from a Bidder of a country which shares a land border with India; I hereby certify that, Bidder M/s _____ (Name of the Bidder) is:

i).	Not from such a country	[]
ii).	If from such a country, has been registered with the Competent Authority	[]

Notes:

- a) Bidder to tick appropriate option (✓) in either i) or ii) above)
- b) In case of sl. no. ii) above, Bidder to attach evidence of valid registration by the Competent Authority.

I hereby certify that the Bidder fulfills all requirements in this regard and eligible to be considered.

Place :

Signature (#):

Date :

Name :

Designation :

Seal :

(#) Undertaking shall be signed by the authorized signatory of the Bidder.

**BIDDER'S UNDERTAKING IN CASE OF SUB-CONTRACTING IN WORK
CONTRACTS**

(On Company's Letter Head)

To,

M/s Engineers India Limited/ _____ (Name of the client)

Tender Name : _____

Tender No. : _____

"I have read the clause regarding restrictions on procurement from a Bidder of a country which shares a land border with India and on sub-Contracting to Contractors from such countries; I hereby certify that, Bidder M/s _____ (Name of the Bidder) is:

i).	Not from such a country	[]
ii).	If from such a country, has been registered with the Competent Authority and will not sub-Contract work to a Contractor from such countries unless such Contractor is registered with the Competent authority	[]
Notes: a) Bidder to tick appropriate option (✓) in either i) or ii) above) b) In case of sl. no. ii) above, Bidder to attach evidence of valid registration by the Competent Authority.		

I hereby certify that the Bidder fulfills all requirements in this regard and eligible to be considered.

Place :

Date :

Signature (#):

Name :

Designation :

Seal :

(#) Undertaking shall be signed by the authorized signatory of the Bidder.

**BIDDER'S UNDERTAKING IN CASE OF TRANSFER OF TECHNOLOGY (ToT)
ARRANGEMENT**

(On Company's Letter Head)

To,

M/s Engineers India Limited/ _____ (Name of the client)

Tender Name : _____

Tender No. : _____

"I have read the clause regarding restrictions on procurement from a Bidder having Transfer of Technology (ToT) arrangement. Bidder M/s _____ (Name of the Bidder), hereby certify that,

i).	Bidder does not have any ToT arrangement requiring registration with the competent authority	[]
ii).	Bidder has valid registration to participate in this procurement	[]

Notes:

- a) Bidder to tick appropriate option (✓) in either i) or ii) above)
- b) In case of sl. no. ii) above, Bidder to attach evidence of valid registration by the Competent Authority.

I hereby certify that the Bidder fulfills all requirements in this regard and eligible to be considered.

Place :

Date :

Signature (#):

Name :

Designation :

Seal :

(#) Undertaking shall be signed by the authorized signatory of the Bidder

ENGINEERS INDIA LIMITED

SPECIAL CONDITIONS OF CONTRACT

FOR

**PDH PP PLANT WITH ETHANE AND PROPANE HANDLING
FACILITIES AT DAHEJ, GUJARAT PROJECT**

FOR

PETRONET LNG LIMITED

GLOSSARY

CPBG	Contract Performance Bank Guarantee
OWNER	Petronet LNG Limited (PLL)
Bidder/ Vendor	Whom RFQ/ Tender has been issued/ who have submitted offer against RFQ
FOA / LOA	Fax of Acceptance / Letter of Acceptance
FOB / FOT	Free on Board / Free on Truck
PBG	Performance Bank Guarantee
PO	Purchase Order
PRS	Price Reduction Schedule for delayed Delivery
RFQ	Request for Quotations
BDS	Bid Data Sheet
TOV	Total Order Value
SOR	Schedule of Rates / Price Schedule
TPIA	Third Party Inspection Agency

1 INTRODUCTION

- 1.1 These Special Conditions of Contract (SCC) shall be read in conjunction with the General Conditions of Contract (GCC), Material Requisition and any other document forming part of this RFQ wherever the context so requires.
- 1.2 Where any portion of the GCC is repugnant to or at variance with any provisions of the SCC & Bid Data Sheet then unless a different intention appears, the provision(s) of the SCC & Bid Data Sheet shall be deemed to override the provision(s) of GCC only to the extent that such repugnancy of variations in the SCC & Bid Data Sheet are not possible of being reconciled with the provisions of GCC for Goods.

2 PAYMENT TERMS

2.1 Refer BDS for payment terms.

2.2 NOTES:

- i) 1ST Milestone payment shall be released only after receipt of CPBG (wherever applicable) Wherever ABG is required to be submitted by the supplier against milestone progress payment, validity of ABG shall be valid till 30 days beyond contractual delivery period which shall be further extended, as required till last date of receipt of all material at site. However, ABG will be released on dispatch/ receipt of material at site (as applicable).
- ii) Prorata payments shall be applicable on dispatch of equipment. In case of equipment, prorata shall not be on part of equipment.
- iii) In case of indigenous SUPPLIERS, wherever taxes/duties are separately indicated, the order value shall be exclusive of taxes/duties. 100% payment of GST shall be paid on receipt of GST invoices and on proof of payment of GST or on auto-population under GST portal.
- iv) Payment to indigenous SUPPLIERS shall be released through Electronic Clearing System (ECS) and to foreign SUPPLIERS, payments other than against shipping documents, i.e., for Site Work and Supervision/Training etc. shall be through wire transfer.
- v) **Bidder shall submit Original Invoice to PLL site office in a triplicate.**
- vi) Irrevocable Letter of Credit (L/C) shall be acceptable from foreign Suppliers in place of Advance Bank Guarantee as well as Contract cum Performance Bank Guarantee.
- vii) For payment to Foreign suppliers: L/C shall be established in favor of the supplier in a bank in his country, for an appropriate amount (in line with Payment Terms). L/C shall be opened within 45 days of receipt of acknowledgement of FOA/PO and receipt of CPBG (wherever applicable). In case confirmed L/C is insisted by supplier, L/C confirmation charges shall be to supplier's account.
- viii) All payments (other than through L/C) shall be released within 15 days of receipt of invoice and all requisite documents, complete in all respects.
- ix) All bank charges of respective bankers shall be to respective account.
- x) Supplier shall submit Billing Schedule within three weeks after placement of FOA/PO (whichever is issued earlier) for EIL/OWNER's approval (wherever applicable). Suppliers requiring multiple dispatches will restrict the number of dispatches to maximum Three, unless agreed otherwise by Project Manager.
- xi) In case site front is not available up to 6 (Six) months (wherever site work is applicable), after receipt of all supplies at site, the payment against the site work shall

be released on submission of additional Bank Guarantee of equivalent amount valid for 1 (One) year or such extended period as may be required.

- xii) Certification for placement of sub-order and/or identification of major raw material, in the above payment terms, shall be carried out by the EIL Inspection /Third Party Inspection agency.
- xiii) Wherever the payment provision is there against ABG, and Vendor is not seeking payment against these milestone, those milestone payment shall be released along with milestone of despatch/ receipt of material at site without seeking any ABG for earlier milestone payment.
- xiv) In case of high value Contracts for sophisticated Equipment/ Machinery, if domestic supplier insists payment through LC, this may be considered provided Loading provision is included in Bidding Document.

3 TRANSPORTATION

Clause no. 19 of GCC stands modified to the following extent:

3.1 INDIGENOUS SUPPLIERS

Indigenous SUPPLIERS are required to dispatch the goods on door delivery basis through any registered Transporters on FOT/FOR dispatch point basis or FOT Site basis, as mentioned in RFQ/BDS.

Transportation charges for the items shall be quoted separately as per requirement / scope of MR.

The consignment should be handed over to transporter with E-way bill, wherever required as per law/act. In case such e-way bill is required to be issued by Owner, the concerned designated order issuing authority may be contacted in this regard.

It shall be responsibility of the seller to send intimation immediately on dispatch of the material so that necessary arrangements can be made at site. Delays on account of the same shall solely be attributable to the Supplier.

3.2 FOREIGN SUPPLIERS

Orders in case of foreign suppliers shall be on FOB/CFR Indian seaport of entry basis (JNPT (Nhava Sheva Port) for Containers/ODC & Kandla Port for Break Bulk), wherein the ocean transportation from FOB Port of Exit to the designated Indian Port shall be arranged by the Supplier. All shipments of break bulk material and containerized cargo/ODC shall be made by suitable vessels certified for sea/air worthiness and complying with National/ International safety regulations and age of the vessel being less than 25 years. Bidder to coordinate with PLL nominated Customs House Agent for smooth discharge /delivery of the cargo at the Port of arrival.

Wherever the consignment is required to be shipped by Air (Mumbai Airport for Air Freight), the commercial terms and conditions including INCOTERMS shall be applicable to the extent modified as per BDS.

Bidder shall quote separate prices on FOB Port of Exit basis for Ocean Freight transportation charges. Quoted Ocean freight charges for Break Bulk cargo delivery shall be on FLT (Full Liner Terms), i.e., all charges at destination port shall be borne by the bidder till the cargo is unloaded on to the wharf /vehicle as the case may be. No Trans-shipment is permitted for Break Bulk Cargo/ODC.

Bidder shall inform 07 days prior to the expected date of arrival of vessel in port of entry in India. Detention & Demurrages, if any, due to early arrival of vessel, shall be to bidder's account.

Wherever, the foreign bidder does not accept the ocean transportation in his scope, offer of such bidder shall be rejected.

4 CURRENCY OF QUOTE

4.1 FOREIGN SUPPLIERS

Foreign SUPPLIERS are required to submit prices in one currency out of USD/EURO/GBP/JPY. In case a foreign SUPPLIER is sourcing part of equipment/ services from India, prices of such equipment/ services shall be quoted in Indian Rupees only and terms & conditions applicable to Indian portion shall be as per Annexure-I to this SCC and to be read in conjunction with terms & conditions applicable to Indigenous Suppliers.

Change in currency once quoted will not be allowed.

4.2 INDIGENOUS SUPPLIERS

Indigenous SUPPLIERS are required to submit price in Indian Rupees only.

5 SINGLE POINT RESPONSIBILITY OF THE SUPPLIER

In case of MRs containing supplies as well site work/ services, a single order, covering the supply part as well as site work/ services, shall be placed. Split ordering will not be permitted.

In case, a foreign SUPPLIER requests for a separate order on his Indian sub-SUPPLIER, the same shall not be accepted. However, payment to Indian sub-SUPPLIER shall be released directly in Indian Rupees against invoices duly certified by the Foreign SUPPLIER.

For this purpose, the Indian sub-SUPPLIER's name, material/ services and corresponding price in Indian Rupees, shall be clearly spelt out in the purchase order on foreign SUPPLIER. In case a Foreign supplier sources supplies/ services within India, the applicable terms & conditions shall be applicable to the extent as per Annexure-I to this SPC. However, the vendor is not allowed to change the sub supplier during the course of Contract.

6 CONTRACT CUM PERFORMANCE BANK GUARANTEE (CPBG)

6.1 CPBG shall be required for 10% of the Total Order Value (TOV) for all items.

6.2 Total Order Value shall mean supply price (FOT dispatch point price for Indian bidder and FOB/ FCA price for foreign bidders) plus site work (wherever applicable) plus transportation but excluding GST, supervision services, training, HAZOP, 3D-modeling, AMC.

6.3 Indemnity Bond/Corporate Guarantee in lieu of CPBG shall not be considered. For Foreign bidders, Irrevocable stand by Letter of Credit is acceptable in lieu of CPBG.

6.4 CPBG shall not be applicable for orders where the contract value is less than INR 10 Lakhs.

7 TAXES & DUTIES

7.1 Notwithstanding any prejudice to any other provisions of Bidding Document, provisions of Annexure-II of SCC shall be read in conjunction with Clause No. 30 of GCC.

8 FIRM PRICES

8.1 The prices shall be firm and fixed and not subject to any variation, except statutory variation in taxes and duties & imposition of new taxes as per Annexure II.

8.2 In case of Electrical and Instrumentation Cables, variation in prices shall be admissible as per IEEMA Price Variation Clause. [Refer BDS for applicability of the same]. However, price variation shall be restricted to ceiling of +10 % and no ceiling limit in case of negative variation.

8.3 For 2 years O&M spares, prices shall be kept valid for a period two years from the final bid due date.

9 PRICE REDUCTION SCHEDULE (PRS)

9.1 Price Reduction Schedule shall be as per clause no. 10 of "General Conditions of Contract".

9.2 Wherever the supply period and site work are indicated as two separate periods and notice of site readiness is required for site work, intervening period, if any, shall be excluded, while calculating the price reduction for delay.

9.3 Price reduction shall be affected in the Invoice value before presenting for payment.

9.4 For the purpose of PRS, a delay for a period less than one week shall be considered as delay for the full week.

9.5 Total order value shall mean Supply value plus Site Work value (if applicable) including any amendments/ change order but excluding GST. However, in case of Short Closure/ cancellation, the order Value shall be executed/ supplied value plus the actual cost of work done at the risk & cost of the supplier plus EIL overhead charges.

10 INSPECTION

10.1 Inspection of Indigenous items shall be done by EIL and supplier need not consider these charges while quoting. In the case Indian party sourcing materials from abroad, the bidder shall arrange inspection through Third Party Inspection agency in the country of origin & charges of the same shall be included in quoted prices

10.2 Foreign vendors shall include inspection charges of Third Party Inspection agency in the country of origin. In the case of foreign party sourcing items from India the inspection shall be by EIL, no additional charges shall be payable to seller on account of the same.

10.3 List of approved TPI agencies:

- a) M/s TUV SUD South Asia Pvt. Ltd.
- b) M/s TUV Rheinland (India) Pvt. Ltd.
- c) M/s TUV India Pvt. Ltd. / TUV Nord Group (TUV)
- d) M/s Apave Assessments India Pvt. Ltd. (AAIPL)
- e) M/s VCS Quality Services Pvt Ltd
- f) M/s DNV
- g) M/s IR Class Systems and Solutions Pvt Ltd
- h) M/s Projects & Development India Ltd (PDIL)
- i) M/s Tata Projects Ltd
- j) M/s Llyods Register (LRS)
- k) M/s Bureau Veritas (BV)
- l) M/s Société Générale de Surveillance (SGS)
- m) M/s Gulf Lloyds Industrial Services (GLI)
- n) M/s International Certification Services (ICS)
- o) M/s Bureau Veritas (Ind.) Pvt. Ltd (BVIS)
- p) M/s Intertek India Pvt. Ltd.
- q) M/s Moody International (Moody)
- r) M/s RINA India Pvt. Ltd.
- s) M/s Competent Inspectorate and Consultants LLP
- t) M/s ABS Industrial Verification (India) Pvt. Ltd.
- u) M/s Certification Engineers International Ltd (CEIL)
- v) M/s SGS India Pvt. Ltd.

Note: TPI Agencies listed above can depute their foreign counterparts of their respective country, where the inspection needs to be carried out for material/equipment

being supplied by the foreign vendor.

10.4 Seller to note the following:

- a) ITP / QAP will be approved by EIL Inspection/Third Party Inspection agency incorporating requirements of ITP, Technical specifications and approved documents as per PR.
- b) The Inspection release note issued by the EIL Inspection /Third Party Inspection agency shall clearly stipulate that materials/equipment have been inspected as per Code-1 approved drawings and approved ITP /QAP.
- c) Certification of final documents, wherever applicable, for release of final payment, shall be carried out by EIL Inspection /Third Party Inspection agency issuing the final inspection certificate as per PR.
- d) Based on indicative inspection and test plan identifying scope of inspection / review of document as minimum requirement, detailed inspection and test plan indicating all specified requirement of Purchase Requisition to be generated by vendor and same duly approved by TPIA to be submitted to EIL/Owner for approval.
- e) The price quoted by the bidder shall be inclusive of all IBR/IGC/NACE charges (if applicable) and all statutory certification charges PESO/CCOE etc. (if applicable) as required in the Material Requisition.

11 **COMPREHENSIVE MARINE-CUM-ERECTION INSURANCE**

11.1 Clause no. 18 of GCC stands modified to the following extent:

Comprehensive Insurance (Transit/ Marine cum storage, erection, till handing over of equipment) shall be arranged by PLL. Therefore, the same shall not be included in the quoted prices. However, all transit insurance up to FOB / FCA International Sea / Air Port of Exit must be included in the quoted Price.

12 **BASIS OF EVALUATION**

12.1 **WHERE ONLY INDIAN BIDS ARE UNDER COMPARISON**

- 12.1.1 FOT dispatch point price, Cost of mandatory spares, if identified in the Material Requisition, commissioning spares and special tools & tackles, road freight for price evaluation of bids, but GST, cost of Spares for two years operation & Unit rates of addition/deletion shall be excluded.
- 12.1.2 AMC charges excluding GST thereon shall be considered for evaluation, wherever AMC is required.
- 12.1.3 Supervision (man days as indicated in enquiry document), Training, Hazop, 3D-modeling charges, any other charges excluding GST thereon shall be considered for evaluation wherever these services are required.
- 12.1.4 Site Work charges excluding GST thereon shall be considered for evaluation, wherever applicable.
- 12.1.5 Technical & Commercial loading, if any, shall be considered for evaluation of bids.

12.2 **WHERE ONLY FOREIGN BIDS ARE UNDER COMPARISON**

- 12.2.1 Bids shall be evaluated on the basis of CFR (JNPT (Nhava Sheva Port)) prices including, stowage charges wherever applicable (as quoted by BIDDERS), and considering sea freight as quoted by the bidder.

In case of pipes, if a foreign bidder has not quoted or not included stowage charges, the same shall be loaded @ 10% of bidder's quoted Ocean Freight.

- 12.2.2 Cost of mandatory spares identified in the Material Requisition, Commissioning Spares and

special tools & tackles will be included for evaluation of bids, but costs of Spares for two years operation & Unit rates of addition/deletion shall be excluded.

- 12.2.3 AMC charges excluding GST thereon shall be considered for evaluation wherever AMC is required.
- 12.2.4 Site Work excluding GST thereon, wherever applicable shall be considered for evaluation.
- 12.2.5 Supervision (man days as indicated in enquiry document) and Training charges excluding GST thereon shall be considered for evaluation, wherever, supervision and training are required.
- 12.2.6 Technical & Commercial loading, if any, shall be considered for evaluation of bids.
- 12.2.7 Income tax payable in India, in case foreign bidder quotes net of taxes.
- 12.2.8 For global enquiries, for evaluation and comparison purposes, the currency(ies) of the Bid shall be converted into a single currency i.e., INR, and the declared rate of exchange (Bills selling rate of State Bank of India) one day prior to the due date of opening of priced bids shall be considered, for conversion purpose.

Note: Wherever any one of the foreign bidders has opted for concessional rate of duty (Multi-Lateral or Bi-Lateral trade agreement between India and bidder's country), the evaluation shall be carried out in line with clause 12.3.2 (v).

12.3 WHERE INDIAN AS WELL AS FOREIGN BIDS ARE UNDER COMPARISON

12.3.1 INDIGENOUS BIDDERS:

The evaluated price of indigenous BIDDERS shall be carried out on the basis of landed cost at Site, as per clause 12.1 above.

In addition to above a notional loading @ 1% of FOT dispatch point price towards inspection charges by EIL shall be applied.

12.3.2 FOREIGN BIDDERS:

The evaluated price of foreign BIDDERS shall be on the basis of landed cost at Site, including the following:

- Evaluation shall be done as per clause 12.2 above
- Marine insurance @ 1% of FOB Price.
- Applicable Customs duties considering prevailing applicable Merit rate of Basic Custom duty or Basic Custom duty as per Multi-Lateral or Bi-lateral agreement etc., (if declared by bidder)] on CIF value.
- Custom clearance and Port Handling charges @ 2% of CIF value
- Inland Freight (from Port of Entry (JNPT (Nhava Sheva Port)) to PLL Dahej project site) charges @ 2% of the aggregate cost at S. No. (i) to (iv).
- In case inspection is done by EIL, a notional loading @ 1% of FOB price towards inspection charges by EIL
- L/C charges @ 0.25% of FOB price.

Landed Cost at Project Site = S.No. (i) to (vii).

NOTE: Transit insurance for Indigenous and Foreign BIDDERS for transportation within India, will not be loaded (being in PLL scope).

12.4 GENERAL

- 12.4.1 Taxes and duties will be cost loaded as quoted by the bidder. However, if a SUPPLIER

states that taxes/duties are not applicable at present and will be charged as applicable at the time of delivery, then his bid shall be loaded by the maximum rate of taxes/duties applicable at the time of evaluation of Bids.

- 12.4.2 Notwithstanding anything mentioned elsewhere in the Bidding Document, the aggregate liability of Owner towards Payment of Taxes & Duties shall be limited to the volume of GST declared by the bidder in its bid & nothing shall be payable extra except for the statutory variation in taxes & duties & any other taxes & duties mentioned elsewhere in the bidding document.
- 12.4.3 In case the bidder is covered under Composition Scheme under GST laws, then bidder should quote the price inclusive of the GST (CGST & SGST/UTGST or IGST). Further, such bidder should mention "Cover under composition system" in column for GST (CGST & SGST/UTGST or IGST) of price schedule/proposal form.
- 12.4.4 In case of two different charges are indicated for additional services like freight, TPI etc. or charges are quoted in %age as well as lumpsum charges and both works out to be different, higher between the two shall be considered for evaluation. If the bidder happens to be L1 with the higher charges, lower value shall be considered for the award.

13 LOADING/REJECTION CRITERIA

No loading criteria on account of commercial deviation will be applicable.

Bids shall be invited on Zero Deviation bidding basis. Deviation to terms & conditions to RFQ shall lead to rejection of offer.

14 TRANSFER OF PROPERTY FROM THE SELLER TO THE PURCHASER

The transfer of property shall be deemed to have taken place as follows subject to the provisions herein contained:

- a) FOB/FCA/CFR Contracts: In the case of FOB/FCA, CFR & CIF Contracts, when the Goods have been put on board of ship, at the specified port of loading and a clean Bill of Lading / Airway Bill is obtained.
- b) F.O.T. despatch point: On handing over the equipment to the carrier against receipt (LR) along with Inspection Release Note (IRN) and such document having been passed over to the Purchaser.
- c) F.O.T. Project Site: on receipt of material at Project site.
- d) Equipment sent freight/ carriage paid to the Project site: On receipt of goods at site.
- e) Equipment erected by the Seller: on acceptance at job site.
- f) Equipment commissioned by the Seller: On taking over by the Purchaser for regular operation after test run at maximum capacity for specified period satisfactorily performed.

15 FALL CLAUSE

Clause no. 28 of GCC applicable is case of NOMINATION AND PROPRIETARY AWARD.

16 PART ORDER

16.1 Bidder hereby agrees to accept part order at Purchasers option without any limitation whatsoever.

16.2 Any charges quoted extra as lumpsum shall be applicable prorata on value basis in the event of part order.

17 REPEAT ORDER

17.1 Repeat Order shall be as per clause no. 24 of GCC.

17.2 Non-Acceptance of Repeat Order conditions by bidder shall not be the reason for rejection

of bid.

18 DISPATCH NUMBER

- 18.1 In addition to the details furnished in the invoice, supplier shall generate DISPATCH NUMBER (DN) against each invoice. The DN shall be 3 digit continuous number starting from 001 suffixed to purchase Order Number and shall be unique to each invoice. Same shall also be printed on each consignment / box for easy co-relation. DN shall be quoted in all further communications viz dispatch detail to inspection, correspondence with site as well as for payment purpose. Mentioning the DN on each invoice shall be mandatory.

19 TERMS & CONDITIONS FOR SUPERVISION OF ERECTION, TESTING & COMMISSIONING / TRAINING AT SITE/HAZOP STUDY

- 19.1 Terms & conditions for supervision of erection, testing & commissioning / training at site shall be as per attached Annexure-III to SPC.

20 TERMS & CONDITIONS FOR INSTALLATION / SITE WORK

- 20.1 Terms & conditions for installation/ site work shall be as per attached Annexure-IV to SPC.

21 TERMS & CONDITIONS FOR ANNUAL MAINTENANCE CONTRACT (AMC)

- 21.1 Terms & conditions for Annual Maintenance Contract (AMC) shall be as per attached Annexure-V to SPC.

22 TERMS & CONDITIONS FOR TRAINING OF OWNER PERSONNEL AS PER MR AT VENDOR'S WORKS / TRAINING FACILITY

- 22.1 Terms & conditions for training of owner personnel as per MR at vendor's works/ training facility shall be as per attached Annexure-VI to SPC.

23 WARRANTY:

- 23.1 The Seller will guarantee that all materials and equipment shall be repaired or replaced as the case may be, at his own expense, in case the same have been found to be defective in respect of material, workmanship or smooth and rated operation within a period 12 months after the equipment/ material have been put in service or 24 months from the date of shipment, whichever is earlier. Repaired or replaced equipment/ materials shall be similarly guaranteed by the SELLER for a period of twelve (12) months from the date of replacement/ repair subject to a maximum of 24 months from the date, the main equipment/ material has been put in service. All expenses for such replacement/ repair of equipment/ material shall be to the account of the Seller including freight, if any."

24 RECOVERY OF SUMS DUE:

Clause No. 25 of GCC stands modified to the following extent:

The phrase "(he is hereby irrevocably authorized to do so)" stands DELETED

TAXES & DUTIES

A. Price basis w.r.t inclusion/exclusion of taxes and duties

1. The quoted price(s) shall be inclusive of all the taxes and duties except GST (i.e. IGST or CGST and SGST/UTGST applicable in case of interstate supply or intra state supply respectively) and GST compensation cess, (if applicable) leviable on sale of finished goods/services.
2. In case of foreign bidders, bidders shall submit their prices on FOB international sea port of exit basis/CFR on destination port basis (INCOTERM 2020), unless otherwise stated in the bid document. FOB/CFR prices quoted shall be inclusive of all applicable taxes up to FOB international sea port of exit/CFR on destination port basis.
3. Transportation charges (if applicable) up to respective project site shall be exclusive of GST.
4. Site work prices, if applicable shall be inclusive of all taxes and duties except GST. All necessary registrations, if required, for carrying out the site activities shall be done by the bidder and costs towards the same shall be included in quoted site work prices.
5. Prices of per diem supervision charges, training/AMC, HAZOP Study etc. (as applicable) shall be exclusive of GST. However, GST shall not be applicable on training provided at foreign bidder's work/training facilities in any territory other than India.

B. TAX CLAUSES

1. Goods and Services Tax

- a. The supplier/contractor will be liable to register with the respective tax authorities and to submit self-attested copy of such registration certificates and the supplier/contractor will be responsible for procurement of goods/services in its own registration (GSTN).
- b. Supplier/Contractor shall be required to issue tax invoice in the form and manner prescribed under GST Act read with Rules thereunder including E-Invoicing provisions so that input tax credit under GST can be availed by Owner. In the event that the supplier/contractor fails to provide the Tax Invoice/E-Invoice in the form and manner prescribed under the GST act read with GST invoicing rules thereunder, Owner shall not be liable to make any payment on account of GST against such invoice.
- c. In case supplier/contractor is not subject to E-Invoicing provisions under the GST Laws as amended from time to time, then a declaration to this effect

shall be furnished by the supplier/contractor in format prescribed along with the Invoice.

- d. GST shall be paid to supplier/contractor against receipt of Tax Invoice/E-Invoice and on auto-population of input tax credit on GSTN portal. In case of non-receipt of Tax Invoice/E-Invoice and/or non-auto-population of input tax credit on GSTN portal, Owner shall withhold the payment of GST.
- e. The supplier/contractor shall always comply with the requirements of applicable laws and provide necessary documents as prescribed under the rules and regulations, as applicable from time to time. In particular, if any tax credit, refund or any other benefit is denied/delayed to Owner or any interest/penalty is charged to Owner due to any non-compliance/ delayed compliance by the supplier/contractor under the GST Law (including but not limited to failure to upload the details of the sale on GSTN portal, failure to pay GST to the government or due to non-furnishing or furnishing of incorrect or incomplete documents, non-filing of GST return by the supplier/contractor), the supplier/contractor shall be liable to reimburse Owner for all such losses and other consequences including but not limited to the tax loss, interest and penalty. Owner shall be entitled to recover such amount from the supplier/contractor by way of adjustment from the next invoice, encashment of BG or by way of any other means either of same project or any other project of the Owner.
- f. In case of any Advance including Mobilization/Secured/Other Advance is granted to supplier/contractor as per the provisions of Contract, then the supplier/contractor shall issue a Receipt Voucher / GST Invoice in the form and manner prescribed under GST Act read with Rules thereunder including e-invoicing provisions.
- g. In case of any Price Variation as per the provisions of Contract, the supplier/contractor shall issue an Invoice in the form and manner prescribed under the GST Act read with Rules thereunder including e-invoicing provisions.
- h. GST payable under reverse charge for specified services/goods under GST Act read with Rules thereunder, if any, shall not be paid to the supplier/contractor but will be directly deposited by Owner to the appropriate Government Tax Authority. If the same has already been reimbursed / paid to the supplier/contractor for any reason whatsoever, then Owner shall be entitled to deduct/set off /recover such amount against any amounts paid/payable by Owner to supplier/contractor.

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- i. Where Owner has the obligation to discharge GST liability under reverse charge mechanism and Owner has paid or is liable to pay GST to the government on which interest/penalty becomes payable as per GST law for any reason which is not attributable to Owner or Input Tax Credit w.r.t. such payment is not available to Owner for any reason which is not attributable to Owner, then Owner shall be entitled to deduct/set off /recover such amount against any amounts paid/payable by Owner to contractor/supplier.
 - j. TDS under GST, if applicable shall be deducted from supplier/contractor bills at applicable rates and a certificate as per rules for tax so deducted shall be provided to supplier/contractor.
 - k. The supplier/contractor will be under obligation for charging correct rate of tax as prescribed under the respective tax laws. Further the supplier/contractor shall avail and pass on benefits of all exemptions/concessions available under applicable tax laws.
 - l. In case bidder is covered under composition scheme under GST law, then bidder shall quote the price inclusive of GST. Further, such bidder should mention "Covered under GST Composition Scheme" in column for GST of relevant price schedule(s). In case subsequently such bidder gets covered under regular GST regime, the prices including GST under regular GST regime shall not exceed the prices quoted by the bidder under composition scheme.
 - m. Owner prefers to deal with registered supplier/contractor of goods/services under GST. Therefore, bidders are requested to get themselves registered under GST, If not registered yet. However, in case any unregistered bidder is submitting bid, their prices will be loaded with applicable GST while evaluation of bid as per evaluation methodology of tender document. However, where Owner is entitled for input credit of GST, the same will be considered for evaluation of bid as per evaluation methodology of tender document.
 - n. In case of foreign bidders, for supervision/site-work/training, services provided by foreign bidder at project site, GST shall be paid by Owner directly to appropriate Government Tax Authorities, under Reverse Charge Mechanism, if applicable and price of such services will be loaded with applicable GST while evaluation of bid as per clause E (Evaluation methodology).
 - o. Bidder will be required to quote applicable tax rate (along with applicable HSN/SAC Code) as per provisions of GST Laws for all the line items forming part of the enquiry. Any higher rate of tax actually invoiced in excess of

quoted rate of tax (except in compliance with provisions of Statutory Variation clauses) shall be adjusted in basic price.

- p. In case of delay in supply/execution of contract, supplier/contractor shall be liable to raise invoices for reduced value as per Price Reduction Schedule (PRS) provision of the bidding document. In case the supplier/contractor raises invoices for full value, then supplier/contractor shall issue Credit Note, in the form and manner prescribed under relevant GST Act read with Rules thereunder, towards applicable PRS amount with applicable GST thereon.

In case supplier/contractor fails to submit invoices with reduced value or does not issue Credit Note as mentioned above, Owner shall release payment to the supplier/contractor after giving effect to the PRS clause with corresponding reduction in taxes from invoice(s) of supplier/contractor.

In case any financial implication arises on Owner due to issuance of invoice without reduction in prices or non-issuance of Credit Note by supplier/contractor, the same shall be to the account of supplier/contractor. Owner shall be entitled to recover the amount of such financial implication paid or becoming payable by Owner together with penalty and interest thereon, if any.

- q. E-way bills shall be issued directly by supplier/contractor in all cases except in cases of direct imports by Owner where E-way bill shall be issued by Owner.
- r. In case of applicability of any recovery as per provisions of the contract, Owner shall raise Invoice on supplier/contractor after charging GST at applicable rates as per prevailing provisions of GST Laws.

2. IMPORT DUTIES

- a. Direct supplies by foreign suppliers where, client becomes consignee :
- i. Consignee shall be Owner, bill of entry shall be filed by Owner, all import duties, Social Welfare Surcharge, IGST and GST Compensation Cess etc. as applicable in India shall be paid by Owner.
- b. Imported supplies by Indian suppliers as built in import content where Suppliers/Contractors will become consignee of the goods by filling Bill of Entry for Home consumption
- i. Custom duties, Social Welfare Surcharge, IGST, GST Compensation Cess, etc. as applicable in India on the imported materials shall be included in the quoted prices by the bidder (considering the input tax credit of IGST, GST Compensation Cess on imported material) and supplier/contractor shall be responsible for the timely payment of the

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- custom duties to the relevant government authority. All harbor dues/ pilotage fees, port fees, wharfage, unloading costs, demurrage charges etc. incurred in India in respect of any imported goods shall be to supplier's/contractor's account.
- ii. Bidder to indicate, in relevant price schedule, CIF value of built-in import content and applicable merit rate of custom duty, Social Welfare Surcharge on custom duty (considering the input tax credit of IGST, GST Compensation Cess on imported material) included in quoted price, in the price schedule.
 - iii. In case merit rate of custom duty is applicable and bids are invited on the basis of same, however at a later stage concessional rate of custom duty becomes applicable, concessional certificate shall be issued towards import of material against the advance request letter submitted by the domestic bidder and the differential custom duties between concessional rate and quoted merit rate of custom duty by supplier/contractor shall be passed on to the Owner or it shall be recovered by the Owner from the supplier/contractor's invoice.
 - iv. The supplier/contractor shall be responsible for and shall exercise due diligence in properly classifying the goods and materials, undertaking the payment of custom duties, and/or otherwise complying with all applicable laws w.r.t. import of the goods and materials.
 - v. If bidder does not furnish built in CIF value and rates of custom duty, in that case bidder shall not be entitled to claim any variation in the custom duties even if bidder has quoted their prices considering custom duties.
 - vi. If custom duty rate actually paid on import of materials and components is found to be lower than the quoted rate of custom duty, then benefit of the same shall be passed on to the Owner.
 - vii. If bidder has considered Import Duty other than Merit Rate of Import Duty then statutory variation on the Import Duty shall be payable extra on the Merit Rate of Import Duty or the rate of Import Duty considered by the bidder, whichever is lower.
 - viii. In case, no import is made for execution of the order, clauses related to Imports will not be applicable.
- c. General points:
- i. In case Owner is exposed to any penal action, interest /penalties by the custom authorities for incorrect declaration and / or valuation of the goods or material by the supplier/contractor, or otherwise on account of any breach of applicable laws in the course of the import of the goods and material by supplier/contractor, the supplier/contractor shall indemnify and hold harmless the Owner for any and all costs, expenses or losses suffered or incurred by Owner in this regard

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- ii. If bidder intends to source import of goods from a country with which India has Free Trade Agreement (FTA) or Comprehensive Economic Partnership Agreement (CEPA) or any such multi-lateral / bi-lateral Agreement or Treaty with India or under Generalized System of Preference (GSP); or under any other notification (allowing lower rate of custom duty), then the bidder is advised to ascertain and confirm its applicability along with supporting documents in the bid and ensure that conditions of such agreement/treaty etc. are strictly complied with.
 - iii. The bidder shall be liable to provide all documentation to ensure availment of the exemption/waiver. In case the bidder defaults on this due to any reason, whatsoever, he shall be liable to bear the incremental custom duty applicable if any
 - iv. Any additional custom duty applicability on account of any change in the notification (allowing lower rate of custom duty)/ CEPA/FTA/multi-lateral/bi-lateral trade agreement shall be to bidder's account.
 - v. Documentation to be furnished for availing the exemption /waiver of custom duty shall be specifically listed in the letter of credit also as a prerequisite for release of payment against shipping documents and this documentation shall necessarily form a part of shipping documents.
 - vi. Owner will not bear any liability towards payment of Safeguard Duty, Anti-Dumping Duty, Protective Duty and applicable IGST including GST Cess on same or Countervailing Duty on subsidized articles or any other such duties of Customs imposed by Government under Customs Tariff Act, 1975.
 - vii. In case custom duty rate as quoted by Foreign bidder is less than Actual rate applicable on due date of submission of last price bid and payment of custom duty is on Owner's Account, differential amount on account of above-mentioned rate variation will be recovered from Foreign bidder.

3. INCOME TAX

a. Foreign supervisors/suppliers/contractors

Prices of site work, contracts and other services of foreign supplier/contractor shall be gross of income tax i.e., inclusive of Indian

income tax at the applicable prevailing rate as per Indian Income Tax Act and Rules there under.

Owner shall deduct withholding tax at source (TDS) as applicable while making payments against each invoice. Certificate for TDS shall be provided to the supplier/contractor.

In case foreign bidder quotes Prices of site work, contracts and other services "net of Income Tax" i.e., exclusive of Indian income tax, Owner shall deduct and deposit TDS as applicable after grossing up the sums due while making payments against each invoice at the applicable prevailing rate as per Indian Income Tax Act and Rules thereunder.

Foreign bidder shall furnish the information required in line with the prevalent provisions of Income tax act read with rules thereunder including but not limited to Tax residency certificate, Form 10F, No permanent establishment declaration, No business connection certificate, PAN in India if available.

Failing to provide above documents/information, tax will be withheld at rates applicable as per the provisions of Income Tax Act, 1961 read with rules thereunder and the benefit of reduced rates will not be given.

If the non-resident is unable to obtain & submit Tax Residency Certificate to the Owner within a reasonable time, the bidder should furnish Form 10F along with an undertaking to the effect that the bidder is a tax resident of (the specified country) and that they shall obtain and provide the tax residency certificate (TRC) to the Owner before 30 days of submission of first Invoice by them or within 3 months from the date of entering into contract whichever is earlier.

In case of contracts with term exceeding one financial year, the relevant documents like TRC, Form 10 F, No PE / Business Connection Certificate etc. as applicable, as per Income Tax Act, 1961 must be submitted at the beginning of each financial year and the Owner will not bear additional tax liability (if any) arising from non-submission of documents.

The bidder shall be liable to intimate the subsequent changes (if any) to the information submitted against any of the above particulars, along with full details.

In addition to the above particulars, the bidder should also provide any other information as may be required at a later stage for determining the taxability of the amount to be remitted to the non-residents.

In case, any additional tax liability arises on the Owner due to any action of bidder like delay in submission / non-submission of information / documents required as above or change in residential status post submission of documents or change in any document (like TRC, Form 10F etc.) after its submission shall be recovered from the supplier/contractor.

b. Indian resident supervisors/ suppliers/contractors

Prices for supply and services of Indian suppliers/ contractors shall be inclusive of income tax.

Tax shall be deducted at source (TDS) by Owner on all sums due to supplier/contractor in accordance with the provisions of Indian Income Tax act read with rules thereunder as in force at the relevant point of time.

Owner shall issue a Tax Deduction Certificate to the supplier/contractor evidencing the tax deducted or withheld and deposited by Owner on payments made to the supplier/contractor to enable the supplier/contractor to claim the credit of Tax deducted by Owner.

c. INCOME TAX (General Points):-

- i. The supplier/contractor shall also be responsible for ensuring compliance with all applicable provisions of the Direct Tax Laws of India including, but not limited to, the filing of relevant Tax Returns and shall promptly provide all information required by the Owner for discharging any of its responsibilities/liabilities under such laws in relation to or arising out of the Contract. For the lapses/failure, if any, on the part of the supplier/contractor and consequential penal action taken by the Income Tax department, Owner shall not take any responsibility whether financial or otherwise and shall be indemnified by the supplier/contractor.
- ii. The Indian Income Tax Act and Rules made thereunder contains provisions permitting deduction of tax at source (TDS) at lesser rate if the supplier/contractor is able to justify to the Income Tax Authorities such lesser rate of deduction. However, a deduction once made has to be deposited by the Owner with the Income Tax Authorities in India and will not be adjustable by the Owner. It is therefore in the interest of the supplier/contractor that prior to release of any payment due to the supplier/contractor under the Contract that the supplier/contractor obtains from the relevant Income Tax Authorities in India, a certificate specifying the rate of deduction/withholding of Income tax at source, failing which, payment to the

supplier/contractor shall be made by the Owner after withholding/deduction at the rate as may be applicable to the supplier/contractor as per provisions of Income Tax Act, 1961.

- iii. TDS on interest recovered on Mobilization/Other Advance will be deposited by the supplier/contractor and same would be reimbursed by the Owner against submission of Form-16A (TDS certificate).

C. INVOICING METHODOLOGY W.R.T. TAXATION

following invoicing methodology shall be applicable:

1. In case of domestic / foreign PO's (Other than 2 below) , Invoice/E-Invoice shall be raised by the supplier/contractor in the name of Owner and consignee shall be Owner.
2. In case of package MR's (where title transfer or take over is envisaged to take place at site after completion of site work) and tenders, supplier/contractor shall bring material at project site in their own name and they themselves shall be consignee. As per provisions of contract between Owner and supplier/contractor, Invoice/E-Invoice shall be raised by supplier/contractor to Owner after charging GST.

D. APPLICABILITY OF TAX CREDIT

GST input credit is available to Owner.

E. EVALUATION METHODOLOGY W.R.T. TAXES

Following shall be loaded for evaluation:

1. Applicable Custom Duty, Social Welfare Surcharge etc, (excluding IGST & GST Compensation Cess (if applicable) on imported material which shall be dealt as per bid evaluation methodology given in E2 below) shall be loaded for price bid evaluation in respect of supplies for which bill of entry has to be filled by Owner.
2. GST on which input credit is not available to Owner including GST Compensation Cess (if applicable).
3. Applicable Income tax, in case foreign bidder quotes prices net of taxes.

F. TAXATION TERMS FOR INDIAN SOURCED SUPPLIES (Applicable in case of foreign supplier)

Shall be the same as applicable for Indian bidders.

G. TAX IMPLICATION WHERE FABRICATION YARD IS OUTSIDE THE FACTORY PREMISES, WHEREVER APPLICABLE

In case of package MRs and tenders, since contractors/suppliers shall bring material at project site in their own name and raise invoice to Owner (as per payment milestone achieved) after charging GST, location of fabrication yard whether inside or outside factory premises will not attract any additional liability.

H. TAX IMPLICATION WHERE OWNER WILL ISSUE FREE ISSUE MATERIAL (FIM) TO CONTRACTORS/SUPPLIERS

Where Owner issues FIM's to suppliers/contractors, material will be released against delivery challan and such FIM shall be received back in factory premises as per provision of GST.

I. STATUTORY VARIATION

No variation on account of taxes and duties, statutory or otherwise, shall be payable to Supplier/Contractor except for the following:

1. GST: If after the due date of submission of last price bid and up to the contractual delivery/completion period (*Note 4), any increase/decrease occurs in the applicable rate of GST, the variation in such GST shall be to Owner's account and shall be adjusted (increase / decrease) to / from the Supplier's/Contractor's invoices based on the documentary evidence.

Any increase in GST after the contractual delivery/completion period (*Note 4) shall be to Supplier's/Contractor's account. However, any decrease in the rate of GST shall be passed on to Owner.

For calculating Statutory Variations ceiling amount as declared by the Bidder in price schedule shall only be considered.

2. Basic Custom Duty (BCD) & Social Welfare Surcharge (SWS): If after the due date of submission of last price bid and upto the XX (*Note-3) of contractual delivery/completion period (*Note 4), any increase/decrease occurs in the applicable rate of BCD & SWS on materials imported, the variation in such BCD & SWS shall be to Owner's account and shall be adjusted (increase/decrease) to/from the Supplier's/Contractor's invoices based on the documentary evidence.

Any increase in rate of BCD & SWS on materials imported after the XX (*Note-3) of the contractual delivery/completion period (*Note 4) shall be to Supplier's/Contractor's account. However, any decrease in the rate of BCD & SWS on materials imported shall be passed on to Owner.

For calculating Statutory Variations in BCD/SWS, ceiling amount of CIF Value and rate of custom duty as declared by the Bidder in relevant price schedule shall only be considered.

Note: Indian supplier/contractor to consider input tax credit of IGST and GST Compensation Cess if any (in case of import of raw Materials / components)

in their quoted prices. Hence, Statutory variations on same in case of imported materials from outside India in Supplier's/Contractor's name (i.e., for Indian Bidders) shall be to Supplier/Contractor account.

3. Any new output taxes, duties, cess, levies notified or imposed after the due date of submission of last price bid but upto the contractual date of delivery/completion (*Note 4) shall be to Owner's account. These shall be reimbursed against documentary evidence. However, in case of delay attributable to supplier/contractor, any new output taxes, duties, cess, levies notified or imposed after Time for Completion, defined as above, shall be to supplier's/Contractor's account.

J. TAX INDEMNITY

Any omission/ errors of interpretation of applicability of taxes, duties, cesses and levies, whatsoever named, howsoever named, as are payable to any government, local or statutory authority in India or in any country other than India by the supplier/contractor shall be to supplier's/contractor's account.

If any fine/penalty/any other levy is required to be met by the Owner arising out of any non-compliance/fault/fraud/willful suppression/misstatement of facts/information/documents, whatsoever, of any applicable laws of India or any country other than India by the supplier/contractor/their personnel/sub-contractors/agencies, the same shall be recovered from any amount payable to the supplier/contractor under this contract or under any other contract of the Owner.

If any tax is paid / required to be paid by supplier/contractor in pursuance of any demand of any law enforcement agency/Tax Authority on account of non-compliance/fault/fraud/willful suppression/misstatement of facts/information/documents, whatsoever, of any applicable laws of India or any country other than India by the supplier/contractor/their personnel/sub-contractors/agencies, the same shall be to supplier's/contractor's account only.

GENERAL:

1. *Note-1 : Deleted.
2. *Note-2 : Deleted
3. *Note-3 Time period shall be till the **Contractual Completion/Delivery period**.
4. *Note-4 Contractual delivery/completion period shall include extended contractual delivery/completion period for the reasons attributable to Owner or due to Force Majeure condition.

FORM OF ADVANCE BANK GUARANTEE
(ON NON-JUDICIAL PAPER OF APPROPRIATE VALUE)

To,

Petronet LNG Limited

4th Floor, Tower-I, World Trade Center

Nauroji Nagar

New Delhi – 110029

Subject: Bank Guarantee No. _____ dated:

WHEREAS, _____ (Contractor / Vendor/ Supplier Name) a company incorporated under _____ (Act) having its registered office at _____ (hereinafter referred to as the “Contractor”/ “Vendor”/ “Supplier” which expression shall unless repugnant to the context or meaning thereof include its successors and permitted assigns) has been issued _____ (LOA/order No.), by M/s Petronet LNG Limited having its registered office at 4th Floor, Tower -I, World Trade Center, Nauroji Nagar, New Delhi - 110 029 (hereinafter referred to as the “Owner” which expression shall unless repugnant to the context or meaning thereof include its successors and assigns) for carrying out / supplying _____ (subject), for Owner, and further the parties shall enter into an agreement to execute the scope of work under this LOA/Purchase Order (such agreement shall hereinafter be referred as “Contract”).

WHEREAS as per the _____ (Contract/LOA No/ Purchase Order.) the Contractor/Supplier is obliged to furnish to the PLL an irrevocable, unconditional, payable on first demand, bank guarantee issued by specified financial institutions acceptable to the PLL, as mentioned in the said Contract/LOA No. for the advance claimed by the Contractor / Supplier of the Contract.

AND WHEREAS the Bank (as defined herein below) has affirmed that it is one of the scheduled bank and at the request of the Contractor and for sufficient consideration, the Bank has agreed to issue this advance bank guarantee in favor of the PLL.

AND WHEREAS _____ (Bank Name) having its registered office at _____ and a branch office at _____ (insert name of city in India) India, hereinafter referred to as the “Bank” (which expression shall unless repugnant to the context or meaning thereof be deemed to mean and include its successors), being Acceptable Bank (*refer Sl No. 2 of Instructions for furnishing Bank Guarantee for Criteria of acceptable bank*), has at the request of the Contractor / supplier / Surety agreed to issue this advance bank guarantee in favour of the PLL.

NOW THEREFORE, the Bank hereby undertakes the pecuniary responsibility of the Contractor to the PLL for the due performance of the Contract and for the payment of any money by the Contractor / supplier to the PLL and hereby issues in favour of the PLL this on demand, irrevocable and unconditional and payment bank guarantee (hereinafter referred to as the “Guarantee”) on behalf of the Contractor / supplier in the amount of Indian Rupees _____ [*amount claimed for advance for procurement and 110% of advance amount claimed for works , service , consulting contracts*].

The Bank for the purpose hereof unconditionally and irrevocably undertakes to pay to the PLL without any demur, reservation, cavil, protest or recourse; immediately on receipt of first written demand from the PLL, any sum or sums (by way of one or more claims) not exceeding in the aggregate the amount of Indian Rupees _____ (insert an amount) without the PLL requiring to furnish proof or to show / justify to the Bank any ground(s) or reason(s) for such demand for the sum specified therein and notwithstanding any dispute or difference between the PLL and the Contractor in respect of the performance of the Contract or moneys payable by Contractor to the PLL or any matter whatsoever related thereto.

The Bank acknowledges that any such demand by the PLL of the amounts payable by the Bank to the PLL shall be final, binding and conclusive evidence in respect of the amounts payable by the Contractor / supplier to the PLL.

The Bank hereby waives the necessity for the PLL from demanding the aforesaid amount or any part thereof from the Contractor / supplier before enforcement of this Guarantee and also waives any right that the Bank may have of first requiring the PLL to pursue its legal remedies against the Contractor / supplier, before presenting any written demand to the Bank before enforcement / making payment under this Guarantee.

The Bank's obligations under this Guarantee shall not be reduced by reason of any partial performance of the Contract. The Bank's obligations shall not be reduced by any failure by PLL to timely pay or perform any of its obligation(s) under the Contract.

Any payment made hereunder shall be made free and clear of and without deduction for, or on account of, any present or future taxes, levies, imposts, duties, charges, fees, commissions, deductions or withholdings of any nature whatsoever provided always nothing herein contained will enlarge our liability hereunder beyond the limit of _____ (*amount claimed for advance for procurement and 110% of advance amount claimed for works service , consulting contracts*)

This Guarantee shall be a continuing bank guarantee until its expiry, i.e. _____ and shall not be discharged by the change in constitution of any member of the Contractor and the Guarantee shall not be affected or discharged by the liquidation, winding up, bankruptcy, re organization, dissolution or insolvency of any member of the Contractor or any other circumstances whatsoever.

This Guarantee shall be in addition to and not in substitution or in derogation of any other security held by the PLL to secure the performance of the obligations of the Contractor under the Contract. The Bank agrees that the PLL at its option shall be entitled to enforce this Guarantee against the surety, as a principal debtor in the first instance without proceeding at the first instance against the Contractor / Contractor.

Without prejudice to any continuing liability to perform obligations under this Guarantee which have arisen prior thereto, the Bank shall be released from any further obligations arising hereunder after _____.

This Guarantee shall not be assigned or transferred by the Bank.

This Guarantee is subject to the laws of India. Any suit, action, or other proceeding arising out of this Guarantee or the subject matter hereof shall be subject to the exclusive jurisdiction of courts of New Delhi, India. This guarantee is to be returned to the Bank immediately on expiry of the claim period. If the Bank does not receive the bank guarantee latest by the expiry of the claim period, it shall be deemed to be automatically cancelled.

The Bank has the power to issue this Guarantee in favour of the PLL. The aggregate liability of the Bank under this Guarantee shall not under any circumstance exceed Indian Rupees _____ (insert an amount)

In witness whereof the Bank, through its authorized officer, has set its hand and stamp on this _____ day of _____

Notwithstanding anything contained hereinabove:

I. Our liability under the bank guarantee shall not exceed Rs. _____

II. The bank guarantee shall be valid upto _____ (30 days plus Contractual delivery date / 30 days plus Contractual Completion date.)

III. The beneficiary's right as well the Bank's liability under this guarantee shall stand extinguished unless a written claim or demand is made under this Guarantee on or before ____ (6 months after ABG expiry date) .

(Signature)

Name

Designation with Stamp

Duly authorized representative

Vide power of attorney No. ____

Dated _____

Witness

(On stamp paper of requisite value)

INSTRUCTIONS FOR FURNISHING BANK GUARANTEE

1. Bank Guarantee by Indian Bidders will be given on non-judicial stamp paper as per stamp duty applicable in State of New Delhi. The non-judicial stamp paper should be in name of the issuing bank.
2. **The Advance Bank Guarantee shall be accepted only when issued from a bank fulfilling the criteria of the "Acceptable Bank" as mentioned in Bid Data Sheet (BDS).**
3. The validity of Advance Bank Guarantee shall be 30 days plus Contractual delivery date / 30 days plus Contractual Completion date.
4. Claim Period shall be 06 months beyond BG expiry date.

Request Letter: Transmission of Bank Guarantee Cover Message <to be submitted by Bidder to BG issuing bank>

Date: _____

The Manager,

(Bank),

(Branch)

Sub: Inclusion of unique identifier while transmitting BG cover messages where beneficiary bank is ICICI Bank India

Dear Sir/Ma'am,

I/We, _____, request you to include unique identifier **PLNG574440489** in field **7037** of the SFMS cover messages IFN COV 760 (for BG issuance) and IFN COV 767 (for BG amendment) while transmitting the same to the beneficiary bank (ICICI Bank, IFSC: ICIC000000007). This is required by Petronet LNG Limited as per their tender/contract requirement.

Thanking You, _____

The Template for MT 760-COV (SFMS) for issuing bank is mentioned below:

```
{
:7020:
:7022:
:7024:ADVANCE
:7025:INRxxxxxx
:7026:
:7027:<Date of Issue>
:7029:<Expiry date>
:7030:<Place of Claim Lodgement>
:7031:<Issuing Bank IFSC>
:7032:<Issuing Bank Name>
:7033:<Applicant Name>
:7034:PETRONET LNG LIMITED <Address>
:7035:ICIC00000007
:7036:ICICI BANK LIMITED
:7037:PLNG574440489
-}
```

PERFORMANCE BANK GUARANTEE
(ON NON-JUDICIAL PAPER OF APPROPRIATE VALUE)

To,
Petronet LNG Limited
4th Floor, Tower-I, World Trade Center
Nauroji Nagar
New Delhi – 110029

Subject : Bank Guarantee No. _____

WHEREAS, _____ (*Contractor / Vendor/ Supplier Name*) a company incorporated under _____ having its registered office at _____ (hereinafter referred to as the “*Contractor*”/ “*Vendor*”/ “*Supplier*” which expression shall unless repugnant to the context or meaning thereof include its successors and permitted assigns) has been issued _____, by M/s Petronet LNG Limited having its registered office at 4th Floor, Tower -I, World Trade Center, Nauroji Nagar, New Delhi - 110 029 (hereinafter referred to as the “*Owner*” which expression shall unless repugnant to the context or meaning thereof include its successors and assigns) for carrying out _____, for Owner, and further the parties shall enter into an agreement to execute the scope of work under this LOA (such agreement shall hereinafter be referred as “*Contract*”).

WHEREAS as per _____ (*Contract/LOA No/ Purchase Order No.*) the Contractor / Supplier is obliged to furnish to the Owner an irrevocable, unconditional, first demand bank guarantee issued by specified financial institutions acceptable to the Owner, for a sum equal to 10% (ten percent) of the Contract Price for the due performance by the Contractor / Supplier of the Contract/ PO.

AND WHEREAS the Bank (as defined herein below) has affirmed that it is one of the scheduled bank and at the request of the Contractor and for sufficient consideration, the Bank has agreed to issue this performance bank guarantee in favor of the Owner.

AND WHEREAS _____ (*Bank Name*) having its head office at _____ and Branch office at _____ (insert name of city in India) India, hereinafter referred to as the “*Bank*” (which expression shall unless repugnant to the context or meaning thereof be deemed to mean and include its successors), being acceptable Bank (*refer Sl No. 2 of Instructions for furnishing Bank Guarantee for Criteria of Acceptable bank mentioned below*), has at the request of the Contractor / supplier / Surety agreed to issue this performance bank guarantee in favour of the Owner.

NOW THEREFORE, the Bank hereby undertakes the pecuniary responsibility of the Contractor to the Owner for the due performance of the Contract and for the payment of any money by the Contractor/ Supplier to the Owner and hereby issues in favour of the Owner this on demand, irrevocable and unconditional performance and payment bank guarantee (hereinafter referred to as the “*Guarantee*”) on behalf of the Contractor / supplier in the amount of Indian Rupees _____ (*insert an amount equal to ten percent (10%) of the Contract Price/ estimated Contract Price*).

The Bank for the purpose hereof unconditionally and irrevocably undertakes to pay to the Owner without any demur, reservation, cavil, protest or recourse; immediately on receipt of first written demand from the Owner, any sum or sums (by way of one or more claims) not exceeding in the aggregate the amount of Indian Rupees _____ (*insert an amount equal to ten percent (10%) of the Contract Price/ estimated Contract Price*) without the Owner requiring to furnish proof or to show / justify to the Bank any ground(s) or reason(s) for such demand for the sum specified therein and notwithstanding any dispute or difference between the Owner and the Contractor in respect of the performance of the Contract or moneys payable by Contractor to the Owner or any matter whatsoever related thereto.

The Bank acknowledges that any such demand by the Owner of the amounts payable by the Bank to the Owner shall be final, binding and conclusive evidence in respect of the amounts payable by the Contractor / supplier to the Owner.

The Bank hereby waives the necessity for the PLL from demanding the aforesaid amount or any part thereof from the Contractor / supplier before enforcement of this Guarantee and also waives any right that the Bank may have of first requiring the PLL to pursue its legal remedies against the Contractor / supplier, before presenting any written demand to the Bank before enforcement / making payment under this Guarantee.

The Bank further unconditionally agrees with the Owner that the Owner shall be at liberty, without the Bank's consent and without affecting in any manner the Bank's obligation under this Guarantee, from time to time, to:

- (i) vary and/or modify any of the terms and conditions of the LOA/Contract,
- (ii) extend and/or postpone the time for performance of the obligations of the Contractor under the LOA/Contract, or
- (iii) forbear or enforce any of the rights exercisable by the Owner against the Contractor under the terms and conditions of the Contract

and the Bank shall not be relieved from its liability by reason of any such act or omission on the part of the Owner or any indulgence by the Owner to the Contractor or other thing whatsoever which under the law relating to sureties would, but for this provision, have the effect of relieving the Bank of its obligations under this Guarantee.

The Bank's obligations under this Guarantee shall not be reduced by reason of any partial performance of the Contract. The Bank's obligations shall not be reduced by any failure by Owner to timely pay or perform any of its obligations under the Contract.

Any payment made hereunder shall be made free and clear of and without deduction for, or on account of, any present or future taxes, levies, imposts, duties, charges, fees, commissions, deductions or withholdings of any nature whatsoever and by whomever imposed; and where any withholding on a payment is required by law, the Bank shall comply with such withholding obligations and shall pay such additional amount in respect of such payment such that Owner receives the full amount due hereunder as if no such withholding had occurred.

This Guarantee shall be a continuing bank guarantee until its expiry, i.e. _____ and shall not be discharged by the change in constitution of any member of the Contractor and the Guarantee shall not be affected or discharged by the liquidation, winding up, bankruptcy, reorganization, dissolution or insolvency of any member of the Contractor or any other circumstances whatsoever.

This Guarantee shall be in addition to and not in substitution or in derogation of any other security held by the Owner to secure the performance of the obligations of the Contractor under the Contract.

The Bank agrees that the Owner at its option shall be entitled to enforce this Guarantee against the surety, as a principal debtor in the first instance without proceeding at the first instance against the Contractor.

Without prejudice to any continuing liability to perform obligations under this Guarantee which have arisen prior thereto, the Bank shall be released from any further obligations arising hereunder after _____ (validity of the guarantee)

This Guarantee shall not be assigned or transferred by the Bank.

This Guarantee is subject to the laws of India. Any suit, action, or other proceeding arising out of this Guarantee or the subject matter hereof shall be subject to the exclusive jurisdiction of courts of New Delhi, India.

The Bank has the power to issue this Guarantee in favour of the Owner. The aggregate liability of the Bank under this Guarantee shall not under any circumstance exceed Indian Rupees _____ (*insert an amount equal to ten percent (10%) of the Contract Price/ estimated Contract Price*). Capitalised terms not otherwise defined herein shall have their respective meanings given such terms set forth in the Contract.

In witness whereof the Bank, through its authorised officer, has set its hand and stamp on this _____ day of _____
Notwithstanding anything contained hereinabove:

I. Our liability under the bank guarantee shall not exceed Rs. _____

II. The bank guarantee shall be valid upto _____

III. The beneficiary's right as well the Bank's liability under this guarantee shall stand extinguished unless a written claim or demand is made under this Guarantee on or before ____ (6 months after BG expiry date) .

(Signature)

Name _____

Designation with Stamp

Duly authorised representative

Vide power of attorney No. _____

Dated _____

Witness.

INSTRUCTIONS FOR FURNISHING BANK GUARANTEE

1. Bank Guarantee by Indian Bidders will be given on non-judicial stamp paper as per stamp duty applicable in State of New Delhi. The non-judicial stamp paper should be in name of the issuing bank.
1. **The Performance Bank Guarantee shall be accepted only when issued from a bank fulfilling the criteria of the "Acceptable Bank" as mentioned in Bid Data Sheet (BDS).**
2. The expiry date should be arrived at by adding 90 days to the Contract completion / Delivery date plus warrantee/guarantee/defect liability period (if any) as specified in the bidding documents.
3. Claim Period shall be 06 months beyond BG expiry date.

Request Letter: Transmission of Bank Guarantee Cover Message <to be submitted by Bidder to BG issuing bank>

Date: _____

The Manager,

(Bank),

(Branch)

Sub: Inclusion of unique identifier while transmitting BG cover messages where beneficiary bank is ICICI Bank India

Dear Sir/Ma'am,

I/We, _____, request you to include unique identifier PLNG574440489 in field 7037 of the SFMS cover messages IFN COV 760 (for BG issuance) and IFN COV 767 (for BG amendment) while transmitting the same to the beneficiary bank (ICICI Bank, IFSC: ICIC00000007). This is required by Petronet LNG Limited as per their tender/contract requirement.

Thanking You,

The Template for MT 760-COV (SFMS) for issuing bank is mentioned below:

```
{
:7020:
:7022:
:7024:PERFORMANCE
:7025:INRxxxxxx
:7026:
:7027:<Date of Issue>
:7029:<Expiry date>
:7030:<Place of Claim Lodgement>
:7031:<Issuing Bank IFSC>
:7032:<Issuing Bank Name>
:7033:<Applicant Name>
:7034:PETRONET LNG LIMITED <Address>
:7035:ICIC00000007
:7036:ICICI BANK LIMITED
:7037:PLNG574440489
-}
```

PROFORMA OF SURETY BOND FOR CONTRACT PERFORMANCE SECURITY
(To be executed on non-judicial stamp paper of appropriate value)

Ref..... Guarantee No.....

To,

Petronet LNG Limited
4th Floor, Tower-I, World Trade Center
Nauroji Nagar
New Delhi – 110029

Dear Sir (s),

In consideration of you, Petronet LNG Limited a Company duly incorporated and executing under the laws of India having its office at 04th , 05th and 06th Floor, Tower -I, World Trade Center, Nauroji Nagar, New Delhi - 110 029 (hereinafter referred to as the “**PLL**” , which expression shall unless it be repugnant to the subject or context thereof include its successors and assigns) having awarded the Contract to **[insert name of the Contractor]** having its registered office at **[insert address of the Contractor]** (hereinafter referred to as the “**Contractor**”, which expression shall unless it be repugnant to the subject or context thereof include its/their executors, administrators, successors and assigns) in relation to **[insert Contract Name/Work Description]** pursuant to the Contract Agreement bearing Reference Number **[insert reference number]** (hereinafter collectively referred to as "**Contract Documents**"), we **[insert name of the Insurer]** having our registered office at **[insert registered address of the Guarantor]** and one of its branch at **[insert relevant branch address of the Insurer]**, at the request of the Contractor, do hereby irrevocably, unconditionally, and without reservation guarantee the due and faithful performance, discharge and compliance of all the terms, conditions, and obligations under the Contract Documents by the said Contractor and unconditionally undertake to pay to PLL forthwith on first demand without any demur, reservation, recourse, contest, protest, or requiring proof of satisfaction or condition, and without reference to the Contractor, an amount of **INR _____ (Rupees _____ only)[insert Guarantee Amount]** (hereinafter referred to as the "**Guaranteed Amount**") as our primary obligation under this Insurance Bond. Any such demand made by PLL on the insurer shall be conclusive, binding and notwithstanding any difference between PLL and the Contractor or any dispute pending before any court, tribunal or any other authority. .

NOW, THEREFORE, the Insurer hereby unconditionally and irrevocably guarantees and affirms as follows:

1. This Insurance Bond (“**Performance Guarantee**”) shall be a continuing guarantee and shall remain in full force and effect till all claims or demands made by the PLL on the Insurer (“**Guarantor**”) are realised and/or until the PLL discharges this Bond, subject however that the PLL shall have no claims under this Guarantee after **[insert time and date including at least 03 (three) months beyond the defect liability period, plus six months’ claim period]** or any written extension(s) thereof.
2. In order to give full effect to this Bond, PLL shall be entitled to treat the Insurer (“**Guarantor**”) as the Principal Debtor. PLL shall have the fullest liberty without affecting in any way the liability of the Insurer under this Bond / Guarantee from time to time or to vary any of the terms and conditions contained in the said Contract Documents or to extend time for performance of the

Contract or the validity period of the Performance Guarantee or the period for compliance with any obligations by the Contractor or to postpone for any time and from time to time any of the powers exercisable by PLL against the said Contractor and either to enforce or forbear from enforcing any of the terms and conditions contained in the said Contract Documents or the securities available to PLL, and the Guarantor shall not be released from its liability under these presents by any exercise by PLL of the liberty with reference to the matters aforesaid or by reason of time being given to the said Contractor or any other forbearance, act or omission on the part of PLL or any indulgence by PLL to the said Contractor or by any change in the constitution of PLL or its absorption, merger or amalgamation with any other person or any other matter or thing, whatsoever, which under the law relating to Guarantee would but for this provision have the effect of releasing the Guarantor from its such liability.

3. It shall not be necessary for the PLL to proceed against the Contractor before proceeding against the Guarantor and the Guarantee herein contained shall be enforceable against the Insurer / Guarantor as the Principal Debtor notwithstanding the existence of any other undertaking or security for any indebtedness of the Contractor to the PLL and notwithstanding that any such security shall at the time when claim is made against the Guarantor or proceedings taken against the Guarantor hereunder, be outstanding or unrealized.
4. The amount stated by the PLL in any demand, claim or notice if made with reference to this Insurance Bond shall as between the Guarantor and the PLL which shall be final, conclusive and binding with regard to the amount payable by the Guarantor to the PLL hereunder.
5. The liability of the Insurer / Guarantor to PLL under this Guarantee shall remain in full force and effect notwithstanding the existence of any difference or dispute between the Contractor and the PLL, the Contractor and the Guarantor and/or the Guarantor and the PLL or otherwise, howsoever, related to this Insurance Bond or Guarantee or the liability of the Contractor to the PLL, and notwithstanding the existence of any instructions or purported instructions by the Contractor or any other person to the Guarantor not to pay or for any cause withhold or defer payment to the PLL under this Insurance bond / Guarantee, with the intent that notwithstanding the existing of such difference, dispute or instructions, the Guarantor shall be and remain liable to make payment to the PLL in terms thereof.
6. We, the Guarantor, further agree that PLL shall be the sole judge to decide as to whether the Contractor is in default of due and faithful fulfilment and compliance with the terms and conditions contained in the aforesaid Contract Documents and the decision of PLL that the Contractor is in default as aforesaid shall be final and binding on us, notwithstanding any differences between PLL and the Contractor or any dispute pending before any Court, Tribunal, Arbitrator or any other authority.
7. This Guarantee shall not be determined or affected by the liquidation or winding up or dissolution or change of constitution or insolvency of the Contractor or any change in the legal constitution of the Insurer / Guarantor or the PLL.
8. Any notice by way of request, demand or otherwise hereunder shall be sufficiently given or made if addressed to the Insurer / Guarantor and sent via email or by courier or by registered post, to the Insurer / Guarantor at the address set forth herein.
9. We undertake to make the payment on receipt of your notice of claim on us addressed to name of Guarantor along with branch address and delivered at our above branch and/or via email to: **[insert email ID]** which shall be deemed to have been duly authorized to receive the said notice of claim.

- 10. The Insurer’s obligations under this Bond / Guarantee shall not be reduced by reason of any partial performance of the Contract by the Contractor. The Insurer’s obligations under this Bond shall not be reduced by any failure by PLL to timely pay or perform any of its obligations under the Contract.
- 11. We, the Insurer / Guarantor, further undertake not to revoke this Guarantee during its currency except with the previous express consent of PLL in writing.
- 12. The Insurer / Guarantor declares that it has power to issue this Guarantee and discharge the obligations contemplated herein, the undersigned is duly authorised and has full power to execute this Guarantee for and on behalf of the Contractor.
- 13. This Guarantee issued by us is in full compliance with applicable laws of India, as amended from time to time.
- 14. This Insurance Bond / Guarantee is for the benefit of PLL and its successors and assigns. This Bond/Guarantee is binding not only on the Guarantor, but also on the Guarantor’s successors and permitted assigns. The Guarantor shall not assign its rights and obligations hereunder to any person, insurer, company or other entity unless permitted by PLL in writing.
- 15. Notwithstanding anything herein:
 - 1 The Insurer’s / Guarantor's liability under this Guarantee shall not exceed Rs. **[insert Guarantee Amount]**;
 - 2 This Bond / Guarantee shall remain in force until **[insert]**;
 - 3 This Bond/ Guarantee shall have additional claim period of **[six]** months thereafter; and
 - 4 The Insurer / Guarantor is liable to pay the Guaranteed amount or any part thereof under this Bond / Guarantee only if PLL serves upon the Guarantor a written claim or demand upon the Guarantor or any branch thereof on or before the aforesaid claim period.

Signed and sealed this [●] day of [●], [●] at [●].

SIGNED, SEALED, AND DELIVERED

For and on behalf of the Guarantor by:

(Signature)

(Name)

(Designation)

(Code Number)

(Address)

-----o-----o-----o-----o-----

Instructions: -

- a) The surety bond shall be from a Surety Insurer as per guidelines issued by Insurance Regulatory and Development Authority of India (IRDAI) as amended from time to time.
- b) The surety bond should contain the name, designation and code number of the officer(s) signing the surety bond.
- c) The address, telephone number, E-mail and other details of the head office of the surety insurer as well as of issuing branch should be mentioned on the covering letter of issuing branch. The letter may also include any web portal link, from where the Surety Bond can be confirmed by the Company.
- d) The Insurance Surety Bond should be on Non-Judicial stamp paper/e-stamp paper of appropriate value as per Stamp Act prevailing in the state(s) where the Insurance Surety Bond is submitted or is to be acted upon or the rate prevailing in State where the Insurance Surety Bond is executed, whichever is higher. The Stamp Paper/e-stamp paper shall be purchased in the name of Bidder/Insurer issuing the Insurance Surety Bond.



युनाइटेड इंडिया इश्यूरेन्स कंपनी लिमिटेड
United India Insurance Co. Ltd.



(D-24 & E-25, 2nd Floor, Himalaya House, 23, K.G.Marg, New Delhi-110001, India)

MARINE CUM ERECTION INSURANCE POLICY

**POLICY NO.: 5003004425P113683258 (SCE) /
5003002125P113683259 (MCE)
UIN NO. IRDAN545CP0066V01200708**

**PERIOD OF INSURANCE
From 00:00 Hrs of
01/11/2025 To Midnight of
31/03/2028**

Insured
M/s PETRONET LNG LIMITED



4TH FLOOR, TOWER I, WORLD TRADE CENTER, NAUROJI NAGAR, NEW DELHI - 110 029,
INDIA
110029
SOUTH WEST DELHI, DELHI

**Issuing Office Address:
Corporate Cell, Delhi
D-24 & E-25, 2nd Floor, Himalaya House
23, K.G. Marg, New Delhi- 110001, India**

1. Policy Schedule

Policy No.	5003004425P113683258 (SCE) / 5003002125P113683259 (MCE)
Policy Type	MARINE CUM ERECTION INSURANCE POLICY
The Insurer	United India Insurance Company Limited Corporate Cell, Delhi D-24 & E-25, 2 nd Floor, Himalaya House 23, K.G. Marg, New Delhi- 110001, India
Policy Period	00:00 Hrs of 01/11/2025 to Midnight of 31/03/2028 <i>including 4 months of testing (including hot testing) and commissioning plus 24 months of Maintenance.</i>
Unique Reference Code	UII500300EN0123579642526
Co- Insurance Details	1. United India Insurance Co. Ltd., LCB, New Delhi: 50% share 2. ICICI Lombard General Insurance Co. Ltd.: 19% share 3. Bajaj General Insurance Limited: 16.41% share 4. National Insurance Co. Ltd.: 14.59% share
Name of Project	750 KTPA Propane De-Hydrogenation Unit (PDH), 500 KTPA Polypropylene unit (PP) and Ethane & Propane import, storage and transfer facilities at Dahej, in the state of Gujarat, India. ("Project")
Name of Insured	i. Petronet LNG Limited and / or Subsidiaries thereof and / or Joint Ventures / Consortiums including the aforementioned as Principal/Main Contractors. ii. Principals and/or Project Financers and/or Lenders. Lenders are State Bank of India, Bank of Baroda, ICIC Bank and Axis Bank along With SBI CAPS as Security Trustee. iii. President of India iv. Licensors and Project management Consultants for the Project. Project Management Consultant is Engineers India Limited. Licensors are M/s UOP LLC for PDH Unit and M/s Lummus Novolen Technology GMBH for PP Unit v. (a) Other Contractors and/or Sub-contractors of any tier. (b) Architects and/or Consultants and/or Design Bureaux and/or Suppliers and/or their Subsidiaries thereof and / or Joint Ventures / Consortiums (not forming part of i) above, as regards their on-site activities but excluding their design, plan or specification work. but only to the extent that the Insured mentioned in (i) above has, by contract or agreement, agreed to provide such party(ies) with the benefit of this insurance (or part thereof). vi. Any other party having an insurable interest (and not mentioned above) to the extent that the Insured



	mentioned in (i) above is required by contract or agreement to provide insurance to such party(ies).										
Mailing Address	4TH FLOOR, TOWER I, WORLD TRADE CENTER, NAUROJI NAGAR, NEW DELHI - 110 029, INDIA										
Location/s of The Risk	The proposed Petrochemical complex will be set up at 47.73 hectares of Greenfield land located adjacent to the existing Dahej LNG complex of Petronet LNG Limited (PLL) at GIDC Industrial Estate, Plot No 7 A, Dahej, Taluka Vagra, Distt, Bharuch, Gujarat, Bharuch, 392130 and coming under Gujarat Industrial Development Corporation (GIDC). Geographical Location is given in Toposheet no. F43M5-46 C5, F43M6-46 C6, F43M9-46 C9 & F43M10-46 C10 of Survey of India (Sol) Map. Detail of Co-ordinates (lat-long) of all four corners of the proposed project site: <table border="1"> <tr> <th>Latitude</th><th>Longitude</th></tr> <tr> <td>21°40'12.84"N</td><td>72°32'21.78"E</td></tr> <tr> <td>21°39'55.47"N</td><td>72°32'22.51"E</td></tr> <tr> <td>21°40'15.79"N</td><td>72°32'46.20"E</td></tr> <tr> <td>21°39'58.90"N</td><td>72°32'50.82"E</td></tr> </table>	Latitude	Longitude	21°40'12.84"N	72°32'21.78"E	21°39'55.47"N	72°32'22.51"E	21°40'15.79"N	72°32'46.20"E	21°39'58.90"N	72°32'50.82"E
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21°39'58.90"N	72°32'50.82"E										
Nature of Project	All works related to but not limited to 750 KTPA Propane De-Hydrogenation Unit (PDH), 500 KTPA Polypropylene unit (PP) and Ethane & Propane import, storage and transfer facilities at Dahej, in the state of Gujarat, India.										
Insured Property	All materials, equipment, supplies, Plant & Machinery, goods, consumables, any free issue materials, spare parts and materials in transit forming part or intending to form part of the Project, whether located on-site or at off-site storage, fabrication yards, vendor/manufacturer premises or in transit, including but not limited to temporary works / structures, temporary civil works including project office buildings, site facilities, site roads, lighting , fencing, construction power, enabling works and amenities, common facilities, improvements, tie-ins, connections and additions/modifications to existing facilities, pipelines, storage sheds, tanks, spheres, fabrication/storage yard including all equipment, power Infra, Security, IT infrastructure, instrumentation, automation and control systems, material awaiting erection or installation and all other property collectively forming part of or intended to form part of the Project.										

2. Sum Insured

A. Marine Open Cover:

Description	Amount in INR(incl. taxes)
Imported Supplies	2,868 Cr
Indigenous Supplies	7,261 Cr
Total Sum Insured	10,129 Cr

Per Bottom Limit: INR 250 Crore



B. **Section-I- Construction/Erection All Cover:** INR 18,582 Cr

Section-II- Third Party Liabilities Cover: INR 25 Crore for any one accident and INR 50 Crore in aggregate.

3. DEDUCTIBLES

A.	Marine Open Cover Excess:	0.25% of the consignment value subject to minimum of INR 1,00,000/-for each and every claim.
B.	Section – I - Erection “All Risks” Excess:	• Excess for AOG – 10 % of the claim amount subject to a minimum of INR 5 Crore (i.e. Acts of God perils like storm, tempest, flood, water damage, subsidence, collapse and earthquake). • For Testing & Commissioning Claims including Fire and Explosion during Testing and Commissioning Period/ Fire & Explosion/ Maintenance / Design Defect - 10% of claim amount subject to minimum of INR 5 Crore for each and every loss. • All other Perils - 5% of claim amount subject to minimum of INR 2.5 Crore for each and every loss.
	Section – II -Third Party Liability Excess:	Death/ Bodily Injury - Nil. Property loss/damage – 5% of claim subject to minimum of INR 10 lacs for eel.

4. PREMIUM



5. INSTALLMENT SCHEDULE

6. A: MARINE OPEN COVER

Marine cargo insurance for all Goods, Plant & Machinery, Equipment, Materials, Consumables and free-issue materials etc. intended to form part of the Project, including items sent back and forth for repair/rectification/fabrication/testing, in transit from anywhere in the world to anywhere in the world, on a 'warehouse to warehouse' basis against loss or damage arising from customary 'all-risks' perils (including war, strikes, riot and civil commotion) while in transit by any conveyances and/or vessels and/or air and/or barge and/or road and/or rail and/or any other conveyance by land, sea or air and connections, including during loading, unloading and temporary storage, up to full replacement value of such Goods, Plant & Machinery, Equipment, Materials, Consumables and free-issue materials etc.

Coverage shall also include the movement of damaged Plant & Machinery and Equipment etc. sent back and forth for repair/rectification/fabrication/testing (from project site/fabrication yard to vendor's site and back to project site/fabrication yard).

Coverage shall further include the movement of project Goods/Materials/Plant & Machinery etc. from fabrication/storage yard to project site and vice versa.

Basis of Valuation:

1. **For Imported Supplies:** Costs, insurance, freight charges, loading and unloading charges, survey charges, duties and taxes (including Customs Duties) plus 10%, plus anticipated future escalation of 20%.
2. **For Indigenous Supplies:** Costs, insurance, freight charges, loading and unloading charges, survey charges, duties and taxes (including GST) plus 10%, plus anticipated future escalation of 20%.
3. **Second-hand and used items:** Market value for a similar item in equivalent condition immediately prior to transit + GST (at actual).
4. **Return:** Invoice Value + 10%.
5. **Machineries moving to and from for repairs:** Invoice Value + Cost of Repairs including GST.



All valuations above shall be deemed to represent the replacement cost as new, unless otherwise stated (e.g., used equipment), and shall include all costs reasonably incurred for procurement, transportation, insurance, customs clearance, duties, taxes, surveys, and preparation for installation.

Subject Matter Insured:

Cargo and/or merchandise of every description incidental to the Insured's business and the Project and/or any other cargo where the Insured has insurable interest, consisting principally of, but not limited to:

- All Goods, Plant & Machinery, Equipment, Materials, Consumables, Stores and Spares to be installed as part of the Project, whether new or used
- All capital equipment, machinery (including over-dimensional cargo, cranes, engines, pumps, electronic/electrical/mechanical equipment's and spares), laboratory equipment and its spares, fragile and non-fragile goods (including glass, insulation, refractory items), structural materials, mild steel plates, control and remote operated valves, pipes, fittings, hardware and building materials (cement, packing materials, wrapping/coating materials)
- Bulk and break-bulk cargo, free samples, raw materials, hazardous and non-hazardous chemicals, catalysts (including spent catalysts), adhesives, temperature-sensitive cargo;
- Containers of any kind, materials procured on loan, goods held in trust or under custody/control of the Insured;
- Goods removed for repair, rectification, fabrication, testing, renovation or job work and returning to the project site;
- Goods/materials moving between storage/fabrication yards, vendor premises, ports, warehouses and the Project site;
- All other goods for which the Insured is required to insure, or authorized/instructed to insure, or which may otherwise be at their risk and/or for which they may be legally liable, or which are incidental to the performance of the Project.

The above shall include all such goods in transit by any mode (road, rail, sea, air, barge, inland waterways) from anywhere in the world to anywhere in the world on a warehouse-to-warehouse basis, including loading, unloading, transshipment, temporary storage and associated handling risks.

Storage Period:

The cover shall include the risk of loading, unloading and handling during transit at all points and temporary storage during the ordinary course of transit at all locations. The risk of storage during transit is held covered in accordance with the Duration Clause of ICC A/ ITC A/ ICC(Air), but extended to allow up to 60 days additional storage beyond the standard duration, automatically, without prior declaration or additional premium.

Any intentional storage/ or storage beyond this period of 60 days after expiry of the respective ICC(A)/ITC (A)/ICC(Air) duration periods, shall be held covered subject to prior notice to insurers and agreement on additional terms and conditions if applicable.

For the avoidance of doubt, cover will remain uninterrupted for storage at intermediate locations deemed part of transit as per Institute Cargo clauses, provided that storage is incidental to the transit.



Packing:

It is understood and agreed that packing shall be in accordance with standard and customary practices for the type of goods insured and the mode of transit, including loose, bulk, and break bulk shipments where customary.

For the purpose of this insurance, packing shall be deemed acceptable if it conforms to:

- the manufacturer's standard packing, or
- the customary practice of the trade or carriage mode, unless otherwise agreed.

Voyage/Transit Details:

From anywhere in the World to anywhere in the World on a warehouse-to-warehouse basis, including but not limited to:

- Imports, Exports, Domestic Purchase, Inter Unit Transfers, /Depot transfers
- Purchase Returns,
- High Sea Sales/High Seas Purchases,
- Movements to & fro to Job Workers/ Loan License Manufacturers/Third Party Manufacturers,
- Movements of Cargo to & fro for repairs, rectification, fabrication, testing.
- Movement of Plant & Machineries between the assured premises/units/Plants/fabrication yards,
- Mercantile Trade Shipments,
- All kind of transshipments including Multi Modal transshipments,
- Movement of the containers/Reefer Containers/ISO Tanks (loaded and empty) within India or Internationally
- Any other movements for which the Assured has an insurable interest, assumes contractual or legal responsibility, or may be authorized or instructed to insure/or which maybe otherwise at their risk.

Cover shall include transits by sea, air, road, rail, inland waterways, coastal vessels, barges, and multimodal transport, including all customary transshipment and storage incidental to the voyage.

Mode of Transit

Rail and/or Road and/or Sea and/or Air conveyance and/or Inland waterways and/or coastal vessels and/or barges and/or Courier and/or Parcel Post and/or Personal Carriage and/or own transport arranged by the insured and/or hand baggage by employees or authorized representatives of the insured in connection with insured's business activities, whether under contract of affreightment or not.

Cover shall apply irrespective of whether the transport is performed under bill of lading, airway bill, consignment note, or informal arrangements.

Terms of Cover: All Risk and War & SRCC Cover

1. Institute Cargo Clauses "A" CL382 dated 1st January 2009



2. Institute War Clauses (Cargo) CL385 dated 1st January 2009
3. Institute Strikes Clauses (Cargo) CL386 dated 1st January 2009
4. Institute Cargo Clauses (Air) CL387 dated 1st January 2009
5. Institute Strikes Clauses (Air Cargo) CL389 dated 1st January 2009
6. Institute War Clauses (Air Cargo) CL388 dated 1st January 2009
7. Institute War Clauses (Sendings by Post) CL390 dated 1st March 2009
8. Institute Replacement Clause dated 1st December 2008
9. Institute Classification Clause CLS354 dated 1/1/01 to apply to ocean going vessels over 25 years of age, but additional premiums, if any, to be calculated in accordance with agreed scale.
10. Termination of Transit Clause (Terrorism) 2009 JC 2009/056 dated 1st January, 2009
11. Marine Cyber Endorsement
12. Inland Transit (Inland Vessels) Clause – A
13. Inland Transit (Rail or Road) Clause – A
14. ITC Clause B for tail end risk
15. Inland SRCC Clause
16. Cargo termination of storage in transit clause.
17. Concealed Damage Clause (90 days).
18. Extension under Duration clause at port of discharge is required upto 60 days.
19. Risk of loading & unloading is covered.
20. Paramount War Clause
21. In case of Dual Insurance wherein the Equipment's and Materials etc. are covered by the Seller/Contractor/Sub-Contractor etc. Policy and also insured under this Policy, the Primary Liability in such cases to pay claims shall be of the Insurer issuing this policy. This policy is primary and non- contributory.
22. Container Claims Clause
23. Container Cover Clause
24. Registered Post Parcel Clause duly amended for Courier
25. Replacement Clause (Second hand Machinery)
26. Cargo ISM Endorsement
27. FOB Clause – 30 days
28. Sorting Charges
29. Buyer's Interest Clause
30. Contingent Duty Clause
31. Notional Duty Clause
32. Shut Out Clause – 30 days
33. Deliberate Damage Pollution hazard Clause
34. General Average Clause
35. Forwarding Charges Clause
36. Payment on Account Clause – 75% of the assessed amount in case of net claims exceeding Rs. 10 lacs
37. Shortage of Container (including LCL shipments)/ Other Mode of Conveyance
38. Container, Trailer or Railcar Demurrage Charges clause
39. Delay Caused by GA for Temperature Controlled Cargo Brands Clause
40. Contamination and/ or Fumigation Clause
41. Repacking Clause
42. Debris Removal Clause/ Salvage Disposal/ Salvage Incineration/ Destruction Cost
43. Letter of Credit Clause
44. Non Standard Claim Settlement – 90 % of the Assessed Claim Amount
45. Express/ Emergency Freight clause
46. Returned Shipments (OEM Packaging: ICC A/ ITC A; Rest: ICC B/ ITC B)



47. Proof of Loss
48. Wilful Misconduct Clause
49. Claused Bill of Lading
50. Errors & Omissions Clause
51. Knowledge of Occurrence Clause
52. Innocent Assured Clause
53. Pair & Set Clause
54. Missing Goods Clause – 90 days
55. Deviation Clause
56. Bulk Solvents
57. Goods Subject to loss Clause
58. Air Freight Replacement Clause
59. Acceptance of Documents clause
60. Attachment and termination of Risk Clause
61. Shipment Clause
62. Customs Duty Insurance Clause
63. Multi Transit Clause
64. Limitation of Liability clause to be waived in respect of movement of the cargo by assured's own road vehicle/Private Carrier where no LR is issued.
65. Waiver of Recovery Rights/Subrogation for claims upto INR10,00,000/-
66. Waiver of FIR in respect of claims upto INR 10,00,000/- for losses occurring due to theft/Pilferage/Non-Delivery/Shortage/Accident
67. Self-Survey Limit of INR 10,00,000/-
68. Cargo Accumulation Clause
69. Non-Marine Exclusion Clause
70. Political Risk, Financial Guarantee and Credit Risk Exclusion Clause,
71. Additional Custom Duty Clause
72. Escalation Clause – 20%
73. Control of damaged goods clause
74. Forwarding expenses clause
75. Fragile items covered on All Risk Basis
76. Unseaworthiness and unfitness clause admitted
77. Sue & Labour / Loss minimization expenses
78. Extension of cover in respect of damaged interests
79. Cargo ISM Forwarding Charges Clause (at no additional premium) JC 98/023
80. Transshipment Clause
81. Label Clause

Warranties, Other Clauses & Exclusions

1. Communicable Disease Exclusion
2. Over Dimensional Cargo Survey Warranty
3. Excluding shipments from Cuba, North Korea, Syria, Iran and Crimea absolutely.
4. Excluding Shipments to/from and within Ukraine, Russia, Belarus, Ukrainian territorial waters and Russian territorial waters in the Black Sea and the Sea of Azov.
5. War & SRCC cover for all transits whilst the conveyance carrying the interest insured herein is within the HRA as per the latest listed areas in the JWLA (currently JWLA-032) unless specifically agreed by the insurers and additional premium has been paid by the Assured.
6. 50:50 Clause with EAR Policy.
7. Sanction Limitation and Exclusion Clause



8. Five Powers War Exclusion (Amended to Include Triggering of NATO Agreement)
9. Israel &/Or the State of Palestine &/Or Lebanon Condition
10. Institute Cyber Attack Exclusion Clause CL380 dated 10th November 2003
11. Institute Radioactive Contamination, Chemical, Biological, Bio-Chemical and Electromagnetic Weapons Exclusion Clause CL370 dated 10th November 2003

Cancellation of Policy

Policy will not be cancelled or allowed to expire without a written notice to all parties at least sixty (60) days in advance, except in respect of marine cargo insurance where in the case of war, strikes, riots and civil commotion risks insurance may be cancelled by giving seven (7) days' notice to the Insured but forty-eight (48) hours in respect of strikes, riots and civil commotion risks in respect of sending's to or from the United States of America. Cancellation shall become effective on the expiry of the appropriate number of days from midnight of the day on which notice of cancellation is issued by or to the Insurers but shall not apply to any transit insurance that shall have been declared or attached in accordance with contract terms and conditions before the cancellation becomes effective.

Limit per Bottom: Single Shipment limit

(Import) is INR 250 crore (or its equivalent in any other currency)

(For Inland Supply): INR 250 crore (or its equivalent in any other currency).

In case of increase in exchange rate or taxes & duties, the PBL shall be revised upwards during the policy period.

For consignment value more than specified above, the rates shall be mutually agreed.

Limit Per Location Clause: Notwithstanding anything to the contrary contained in this contract, underwriters liability in respect of any one accident or series of accidents arising from the same event in any one location shall not exceed the limit per location amount stated herein i.e. Rs.500 crore.

B: Section – I - Erection All Risks Cover

Section – II - Third Party Liability including Cross Liability

Risk Cover:

The risk coverage under the policy shall commence from the earliest of the following events:

- Upon unloading of goods/consignments at the site of erection/fabrication yard; or
- Start of civil works; or
- Policy start date as notified by PLL

Cover shall remain in force throughout the entire project duration, including during transportation of items/ dismantled items to and from vendor's work including all risk in course of repair/ reconditioning work at vendor's workshop, transportation from vendor's and supplier's work and warehouse to intermediate site, site stores, handling, shifting, storage at intermediate location of goods/consignments, pre-assembly for the purpose of design, erection, testing and commissioning and until completion of Design, Erection, Testing, all other pre commissioning activities of the plant, Commissioning and Trial Operation of all connected systems in respect of Plant & Machinery covered and commissioning and maintenance period thereafter. The risk coverage under the policy to include any loss or damage caused to the insured property due to any accident in insured property. The risk coverage shall continue till successful commissioning/testing of the project, up to the stabilized load at which the plant is taken over by the principal so that same facilities will be migrated to Mega Policy of PLL. This is to ensure that at no point of time the facility/facilities



remain uninsured.

Insurers hereon explicitly note and agree that this policy is a seamless project insurance policy which will cover all construction/erection/testing/commissioning/ operational and maintenance activities of the entire project works whether in progress, tested, handed over, partially handed over, commissioned/being used etc. and will continue to provide cover on an all risk basis (and not just limited to construction/erection activities) together with all the extensions and add on covers agreed and the cover continues seamlessly until the later of either the final commercial operation date of the entire plant being achieved or until the policy expiry period or any extensions thereof as may be agreed.

Scope of Cover:

All contracts with respect to Project of the Insured attaching during the period of insurance and shall include, but not be limited to, the following:

1. Storage, Design, Erection, testing and commissioning charges including SCE Insurance, including supervision and other incidental services by vendors
2. Testing period (for each unit and Integrated Testing of the overall system)
3. Temporary civil works including project office building, storage sheds, storage yard and associated temporary structures.
4. Project office building, associated equipment, furnishings and fixtures etc.
5. Enabling facilities like temporary roads, temporary lighting, construction power distribution network and construction water systems etc.
6. Permanent civil works such as buildings, foundations, earthwork and associated materials for construction thereon.
7. Cost of material handling at site
8. Cost of contingencies including expenses for foreign experts at site in connection with damage/loss affecting associated plants/facilities.
9. Supervision charges
10. Cost of lubricants, consumables and similar materials required for erection and commissioning.
11. Miscellaneous erection and testing expenses
12. Early works cover for activities undertaken prior to full contract effectiveness where materials form part of the Project
13. Catalysts, including Spent Catalysts
14. Contractor's Charges including Contractor's Overheads, supervision costs and incidental expenses.

The above shall include all materials, items, works and associated costs forming part of the declared value of the Project, whether awaiting erection, under erection, pre-tested, tested, commissioned, temporarily handed over, partially handed over, or used, and all activities incidental to the successful completion of erection, testing, commissioning and stabilization at design load.

Commissioning/Testing Period Cover:

1. Commissioning/Testing period available under the policy shall cease to operate with the commencement of the commercial production. Generally, testing period shall be for a period of 4 (four) months & it starts with the commencement of startup activities which involves all activities required to be performed after pre- commissioning and prior to trial operation.



2. All activities till Erection of complete plant and prior to start up activities shall be treated as Pre-commissioning activities and shall continue under the erection cover. Pre-commissioning activities shall include all activities required to be performed after final tests for all units, offsite, utilities contained within plant, equipment and machineries comprised within the plant to bring the equipment covered in units from an inactive condition to a state ready for trial run and shall include but not limited to checking of systems and vessels, flushing and steam blowing, air blowing of pipelines, system leak checking up to specified pressure, purging the system using inert gas, checking of total instrumentation system of the plant, checking of electrical equipment from proper earthing, installation of resistance conducting operability tests on individual equipment, vessels and systems, integration of all control systems of the unit with the control system of the Project and LNG Terminal and all other activities required to be performed before commissioning and trial run of the unit.
3. Testing would be deemed to have commenced from the date the plant is ready for trial run. Testing involves introduction of hydrocarbon and Equipment/Plant/Unit is tested upto 100% of design Criteria maintained by each separate unit in a stable and controlled manner for a continuous ongoing period of minimum 72 hours (N.B.- Design Criteria are the plant design specification as stipulated in the project design basis.) and will continue till commissioning of the unit. "Commissioning" means pressing in to service the unit(s), equipment (s), Vessels, pipelines(s) machinery and systems and sub systems comprised within the plant in accordance with procedures as approved in Plant Specific Operating Manual and as per the requirement of the Process Licensor, which is the subject matter of the contract after successful testing and trial run of the Plant. In case the commissioning could not be achieved up to the expiry of testing period, the same shall be extended on payment of additional premium as per mutually agreed rates.
4. Testing will also involve part of the existing plant and machineries from the operational unit with an integration to the newly erected plant and such P&M will be involved in integrated testing and commissioning activities. This policy covers such P&M of the operational plant which are involved in testing/ integrated testing phase of new plant, and are covered in respect of any loss or damage occurring during the project and defect liability period for any damage arising out to erection , commissioning and testing work.
If testing period is suspended after commencement of test run for any reason whatsoever, any period during which the test run remained suspended shall be treated as erection period. However, the testing period shall remain reduced by actual duration of testing already carried out in the initial test run. The minimum testing period is one day.
6. In case the plant is under shut down for attending commissioning problems, the period of shut down will be considered as Erection Period. The testing period available for the plant on restart would be for a duration equivalent to the testing period endorsed to the policy initially less the number of days the plant has already run on test / trial mode. Note: Taking a turbine on barring gear shall be treated as erection period. Any similar activity for other plants in the process of shutdown, shall be treated as period of erection and not a period of testing
7. Testing period will be applicable for each unit and integrated testing of plants/units.

INTEREST:**Section I – Erection All Risk/Storage cum Erection “All Risks”**

All risk coverage encompassing and including but not limited to the storage, construction, erection/contract works, testing phases, stocks and supplies of every description and nature,



all real and personal property of every kind, nature and description forming part of/intending to form part of the project, belonging to the Principal Insured (Beneficiary) /contractors/subcontractors of all tiers or for which they are responsible to insure and/or in which the said entities have an insurable interest or property of others in the Insured's care, custody or control or which the Insured entities have agreed to insure prior to loss or damage and all other and such property in which the insured may acquire insurable interest during the course of erection during the policy period. Covering physical loss or damage to the Facilities or part thereof at the site, with an extended maintenance coverage in respect of any loss or damage occurring during the project and defect liability period while the Contractor/sub-contractor is on the site for the purpose of performing its obligations during such period.

The Insurer will also reimburse the Insured for the cost of clearance and removal of debris following upon any event giving rise to an admissible claim under this policy but not exceeding in all the sum (if any) set opposite thereto in the Schedule.

Section II – Third Party Liability including Cross Liability

The Insurer will indemnify the Insured against –

- a) Legal liability for accidental loss or damage caused to property of other persons including property held in trust by or under custody of the Insured for which he is responsible excluding any such property used in connection with erection thereon;
- b) Legal liability (liability under contract excepted) for fatal or non-fatal injury to any person other than the Insured's own employees or workman or employees of the owner of the works or premises or other firms connected with any other erection work thereon, or members of the Insured's family or of any of the aforesaid; directly consequent upon or solely due to the erection of any property described in the Schedule.
- c) Provided that the total liability of the Insurer during the period of Insurance under this clause shall not exceed the limits of Indemnity set opposite thereto in the Schedule.
- d) In respect of a claim for compensation to which the indemnity provided herein applies, the Insurer will, in addition, indemnify the Insured against –
 - i. all cost and expenses of litigation recovered by any claimant from the Insured, and
 - ii. all costs and expenses incurred with the written consent of the Company. The exclusion i.e. War & Terrorism, Sanctions, Limitations and Exclusion Clause, Political Risks Exclusion Clause shall apply to this Section also.

TERRITORIAL LIMITS: Anywhere in India in connection with the Contract

ADD-ON COVERS / CLAUSES & CONDITIONS: Section I and II

Construction/Erection All Risks Policy plus endorsements:

Sr No.	Description	Sub-Limits
1.	Cover for loss or damage due to SRCC/RSMD.	Full Limits
2.	Continuity of cover during operational phase for Unit/Plant tested but awaiting integral testing (along with other units/Plants)	Upto 6 Months. All units to remain under project policy till commissioning of the entire complex.



Sr No.	Description	Sub-Limits
3.	Extended Maintenance (Extended Defects Liability Clause) for Plant & Machinery	24 Months After completion of Testing Period
4.	Maintenance Visit (Limited Defects Liability Clause) for Civil Works	12 Months After completion of Testing Period
5.	Expediting Costs - Cover of extra charges for Overtime, Night Work, Work on Public Holidays and Express Freight including Air Freight	Upto 30% of net claim amount.
6.	Inland Transit to & from off-site storage / vendors/manufacturer premises	Rs. 500 Crore AOA and Full Limit in aggregate.
7.	50:50 Clause	
8.	Offsite storage, Fabrication and / or modification and / or any work related to project at any site (including manufacturing) and respective transits involved.	Rs. 500 Crore AOA at each location & Full Limit in aggregate.
9.	Free Automatic Reinstatement	Upto 25% of sum insured
10.	Escalation	Upto 30%
11.	Professional Fees Clause (To Include Architects, Surveyor & Consulting Engineers Fees or other Professional Fees including Foreign experts visit)	Rs. 75 Crore AOA & Full Limit in aggregate.
12.	Clearance and Removal of debris including removal and disposal of debris, and material foreign / external to the works, desilting & dewatering the works - Per Occurrence.	Rs.100 Crore AOA
13.	Loss Minimization Expenses	Rs. 50 Crore AOA
14.	Firefighting facilities and fire safety at construction sites	At Actuals
15.	Fire fighting expenses	At Actuals
16.	Owners Surrounding Property with FLEXA including during extended maintenance cover.	Upto 50% of Policy Sum Insured but with FLEXA risks
17.	Pro-rata extension of policy period	Extension of the policy for up to 12 months on pro-rata basis irrespective of the claim ratio. Beyond that it will be pro-rata if claim ratio is below 50% and will be mutually agreed if claim ratio is above 50%.
18.	Coverage for Earthquake incl. Tsunami	Full Sum Insured
19.	Coverage for Loss, destruction or damage directly caused by Storm, Cyclone, Typhoon, Tempest, Hurricane, Tornado, Flood or Inundation incl. hailstorm and or any other act of God peril.	Full Sum Insured
20.	Waiver of Subrogation	Agreed
21.	72 hours clause	Covered
22.	Waiver of Contribution	Agreed



Sr No.	Description	Sub-Limits
23.	Design Defect Cover - DE-3 for Civil Works and DE-4 for Electromechanical/ Hydro mechanical, P&M Works	Covered
24.	Multiple Insured Clause	Covered
25.	Additional Custom Duty	Upto INR 250 Cr
26.	Cover for Catalyst	INR 500 Crore AOA
27.	Hydrocarbon Endorsement For Testing & Commissioning	wording as per MR 204 for Hydrocarbon Processing Industries 1 and MR 205 for Hydrocarbon Processing Industries 2 Cover for catalyst during hot testing - INR 500 Crore AOA.
28.	Civil Engineering Works: a) All permanent Civil Engineering Works, b) All Types of temporary works (On Site and Offsite) including Temporary Structure, Site Office, Stores, Godown, Workshop etc., Site Facilities, and Amenities for Labour, worker's camp, warehouses of the Project, Safety & QA / QC Lab / Facilities, P & M and Electrical Infrastructure Works & Other Etc. until the end of usage of such Temporary Facilities provided included in Contract Price while the contract was awarded by the Owner.	Value of Civil Works included in Sum insured. Temporary Works – Rs. 100 Cr.
29.	Camps and Stores Cover	Rs. 25 Crore AOA
30.	Cover Of Leak Search Costs When Laying Pipelines -	Rs. 50 Crore AOA
31.	Construction Machinery Plants And Equipment's -	Rs. 50 Crore AOA
32.	Loss-Payee Clause	
33.	Valuable Papers and Records and Restoration of records/ Plans/ Documents etc.	Rs. 25 Crore AOA
34.	Public Authorities Clause	Upto INR 75 Crore
35.	Free Issue Materials Clause	At Actuals
36.	Non - Vitiatio Clause	Covered
37.	Leased Equipment	Rs. 50 Crore AOA
38.	Temporary Repairs	At Actuals
39.	Put to Use	Project Sum Insured and 6 Months
40.	Refund Of Premium for Early Completion of The Project -	Pro-rata on Monthly Basis
41.	Refund of Premium for cancellation of Policy	Pro-rata on Monthly Basis
42.	Endorsement Concerning Storage	Value per storage unit not exceeding the equivalent of Rs. 500 Cr
43.	Claim preparation cost	Rs.10 Crore AOA
44.	Nominated loss adjusters / surveyors clause	As per Annexure - A



Sr No.	Description	Sub-Limits
45.	On Account Payment clause	Upto 75% of initial estimated value of loss
46.	Errors & Omission Clause: It is understood and agreed upon that any accidental error or omission in the description of the covered property shall not prejudice the Insured's interest.	
47.	Coverage for risks of pollution, contamination and seepage	Rs.100 Crore AOA
48.	Cut Through Clause (if applicable)	
49.	Policy Non-cancellable – other than non-payment of premium	
50.	Fragile items like glass, insulation, refractory, insulators etc. as may be due to peril insured	At Actuals
51.	Cover for Property belonging to or held in care, custody or control of the insured	At Actuals
52.	Cessation of Work Clause	Upto 90 Days any one year and 180 days overall policy period
53.	Primary and Non-contributory Clause	Covered
54.	Instalment clause	Yearly instalments
55.	MR 208 Underground cables and pipes	
56.	Environmental Clean-up Cost Cover	Rs. 75 Crore AOA
57.	Vibration Removal & Weakening Support	Limit within overall TPL limits
58.	Destruction Of Undamaged Insured Property	INR 100 Crore AOA
59.	Piling Foundation & Retaining Wall Works Endorsement	Covered
60.	Cover for decontamination	INR 25 Cr AOA
61.	Removal to Place of Safety	
62.	Work away Repairs	
63.	Extended Expiration clause	
64.	Theft and Burglary	Waiver for FIR upto Rs. 1 Cr over and above deductible
65.	Crane hiring charges	Rs. 25 Cr AOA
66.	Coverage for any feed stock, raw material, stock in process to be used for testing and commissioning procedure	Rs. 250 Cr AOA. For Catalysts it is Rs. 500 Cr AOA.
67.	Immediate Repair clause	
68.	Breakage of Glass	
69.	No Control clause	
70.	Agreed Bank Clause	
71.	Loss payee clause	
72.	Suspension of testing period clause	
73.	Intermittent testing cover:	It is noted and agreed that testing may not be continuous, and any suspension of testing period will not reduce the testing period and shall be considered under erection period. The aggregate



Sr No.	Description	Sub-Limits
		period of any intermittent testing shall not exceed the testing period stated under the period of insurance in the RFQ/ policy schedule
74.	Repeat tests/trails cover:	The policy to extend to provide indemnity for the cost of any repeated and/or subsequent tests and/or trials necessarily carried out as a result of Damage to the insured property
75.	Non-Invalidation Clause	
76.	Waiver of Betterment Clause	
77.	Partial Occupancy Clause	
78.	Basis of Claim Settlement on Reinstatement Value basis	Covered

General Exclusions:

1. Institute Radioactive Contamination, Chemical, Biological, Bio-Chemical and Electromagnetic Weapons Exclusion Clause
2. War & Terrorism Exclusion
3. Nuclear Energy Exclusion Clause
4. Sanctions and limitation clause (LMA 3100)
5. Communicable Disease Exclusion
6. Exclusions of crops, Forests and Cultures
7. Cyber Attack Exclusion Clause
8. Political Risks Exclusion Clause
9. Total Asbestos Exclusion Clause
10. Exclusion of ALOP

Date of Proposal and Declaration : 01/11/2025

IN WITNESS WHEREOF, the undersigned being duly authorised has hereunto set his/her hand at LCB DELHI 500300 on this 18th day of November, 2025 .



**For and On behalf of
United India Insurance Co. Ltd.**



Affix Policy Stamp
here.

**GENERAL
CONDITIONS
OF
CONTRACT
FOR GOODS**

1. DEFINITIONS

- 1.1 **“PLL” or “Owner”** shall mean Petronet LNG Limited, a Company incorporated in India and registered under the provisions of the Companies Act 1956, having its registered office at World Trade Centre, Babar Road, Barakhamba Lane, New Delhi – 110001.
- 1.2 **“Vendor” or “Seller” or “Supplier”** shall mean the Contractor / bidder / tenderer selected for carrying out the stated work as per the terms and conditions of this tender document and shall include its successors and permitted assigns.
- 1.3 **“Contract” or “Purchase Order”** shall mean Letter of Award / Acceptance which defines the scope of the engagement and the Goods to be delivered by the Vendor as well as the price schedule for the said Goods and all attached exhibit(s) and document(s) referred to therein along with all the terms & conditions mentioned therein together with all and any subsequent modification(s) thereto.
- 1.4 **“Contract Price”** shall mean the price payable to the Vendor under the Contract for the full and proper performance of his contractual obligations.
- 1.5 **“Vendor’s / Seller’s / Supplier’s Representative”** means the person appointed from time to time by the Vendor for execution of the Contract.
- 1.6 **“Goods”** shall mean articles, materials, equipment, design and drawings, data and other tangible or intangible property to be supplied by Seller to complete the contract.
- 1.7 **“Officer in Charge” (OIC) or “Engineer in Charge” (EIC)** shall mean the Officer / Engineer for the time being nominated by the Owner and specified in the respective Purchase Order.
- 1.8 **“Site”** shall mean the site location of as defined in the Tender document, where the supply of goods are required to be effected.

2A MISCELLANEOUS PROVISIONS:

- i. Notwithstanding the subdivision of the document into these separate sections and volumes every part of each shall be deemed to be supplementary to and complementary of every other part and shall be read with and into the Contract so far as it may be practicable to do so.
- ii. Wherever any portion of the Instructions to the Bidder is repugnant of or at variance with any Conditions of Contract, then the provisions of the Conditions of Contract shall be deemed to override the provisions of the Instructions to Bidders and shall prevail to the extent of such repugnance or variations.

- iii. Wherever it is mentioned in the Tender Documents that the Vendor shall perform certain work or provide certain facilities, it is understood that the Vendor shall do so at his own risk and cost, being deemed to be part of the relevant items in the Schedule of Rates whether expressly stated or not.

2B INTERPRETATIONS & PRIORITY OF CONTRACT DOCUMENTS

- i. Once the contract is confirmed and signed, the terms and conditions contained therein shall take precedence over the Vendor bid and all previous correspondence/s if any. The documents forming the Contract are to be read together and interpreted as mutually explanatory of one another (to the extent available in the Tender document / Contract). If there is a direct inconsistency in specific obligation(s), then for the purposes of interpretation, and unless otherwise provided in the Contract, the priority of the Contract documents shall be in following order:
 - a. The Contract Agreement (wherever applicable)
 - b. Letter of Acceptance along with its enclosures
 - c. Scope of Works/ Job Specifications (specific to particular job only, wherever provided)
 - d. Special Conditions of Contract (SCC)
 - e. Technical Specifications (wherever applicable)
 - f. General Conditions of Contract (GCC)
 - g. Instructions to Bidders (ITB)
 - h. Other Documents, if any.
- ii. Words importing the singular number include the plural and vice versa and words importing gender include the masculine, feminine and neuter genders. Unless the context otherwise requires, any reference to a “party” herein is a reference to a party hereto.

3. GENERAL OBLIGATIONS OF THE VENDOR

- 3.1 The Vendor shall, in accordance with and subject to the terms and conditions of this Contract, supply the Goods in accordance with the Scope of Work / Specifications of the Contract and carry out its obligations with all due diligence, professional skills, care and efficiency in accordance with generally accepted professional techniques and practices.
- 3.2 The Vendor shall observe sound management practices and employ appropriate advance technology and safe methods while procuring and supplying the Goods that shall be fit for the purpose for which the same are intended and as specifically provided under the Contract.
- 3.3 The Vendor shall be liable for the stamp duty or any other payments legally payable in respect of this contract as per applicable laws.

4. VENDOR'S REPRESENTATIVE & PERSONNEL

- 4.1. Vendor shall nominate a person ("*Vendor's Representative*") who shall be responsible for and authorized to represent it at all times during the term of the Contract and to receive and to act on any request made by PLL or its representative in performance of any obligations as per the terms of this Contract.
- 4.2. PLL shall be at liberty to object to any nomination in respect to clause 4.1 and may require Vendor to replace, immediately such person by a competent substitute, at no extra cost to PLL.
- 4.3. The Vendor's Representative shall take instructions from OIC for the proper coordination and timely performance of obligations under the terms of the Contract.
- 4.4. The Vendor's Representative shall have to be duly authorized by the Contractor to act or take decision as and when required, on behalf of Vendor under the Contract.

5. CONFIDENTIALITY

- 5.1 The Vendor shall treat all matters, communications, instructions given during the term and in relation to the Contract , strictly confidential and undertakes not to disclose, any information, documents, technical data, experience and know-how shared/exchanged /given to him without the prior written permission of PLL.
- 5.2 The Vendor further undertakes to limit the disclosure/access to the confidential information as mentioned above, only to those of its employees, Implementation Partners etc. who reasonably requires the same for the proper performance of the Contract, provided however that the Vendor shall ensure that each of employees/ Implementation Partner ,with whom the information has been shared , is informed of the confidential nature of the said information and obligations of its nondisclosure.

6. PERFORMANCE BANK GUARANTEE {Not Applicable for OEM & Proprietary Services and Contract Value less than INR 7 Lakhs (exclusive of GST)}

- 6.1 Successful bidder / Vendor shall submit Performance Bank Guarantee from a scheduled commercial bank as per format provided in the Tender document, for the amount equivalent to 10% of the total Contract Value (exclusive of taxes and duties) within 30 days from the date of placement of Purchase Order.
- 6.2 Performance Bank Guarantee shall be kept valid by the Vendor at his cost for 90 days from the last date of the term of the Contract and Warranty and shall be extended from time to time (if so required). It is specifically agreed that no interest shall be payable by PLL on the said Performance Bank Guarantee.
- 6.3 The Performance Bank Guarantee shall cover the entire Contract value including extra jobs / services if any. Further as long as the PBG submitted by Vendor, at the time of award of

the Contract, take care of the extra jobs / services, if any, executed and total executed value are within the awarded Contract price, there is no need for the Vendor to furnish an additional PBG. However in case the total executed value is or is likely to exceed the ceiling of awarded Contract Value, the Vendor shall furnish additional PBG equivalent to 10% of the exceeded value of the contract.

- 6.4 The Company shall have unqualified option under this guarantee to invoke the Performance Bank Guarantee for warranty and/or claim amount thereunder in the event of Vendor / Supplier failing any of the obligations entered into under this Contract or in respect of any amount due from the Vendor / Supplier to PLL.
- 6.5 Failure of the Vendor to comply with the requirements under this Clause for submission of PBG, of requisite amount, within 30 days of issuance of Purchase Order, shall constitute sufficient ground for the annulment of the award, the forfeiture of Bid security and to invoke any other legally permissible actions or remedies available to the PLL.
- 6.6 For itemised annual rate contract, if the duration of Contract is for more than one year, the Vendor shall provide, a PBG of amount equivalent to 10% of one year contract price, however the validity of the PBG under this clause shall be three months beyond Warranty Period or Contract Period whichever is later.

7. SUSPENSION OF THE PERFORMANCE OF THE CONTRACT

- 7.1 PLL may suspend, by giving an advance 15 days written notice (notice of suspension), in whole or in part (if possible) –performance of the contract by the Vendor at any time.
- 7.2 Vendor shall, after receipt of notice of suspension, suspend immediately the supplies of Goods and reduce the expenditure, if any, to a minimum level as agreed between the parties.
- 7.3 Upon suspension of the performance of supplies, the Vendor shall be entitled for the reimbursement of the costs which shall have been actually incurred prior to the date of such suspension. However, the total reimbursement shall be restricted to contract price.
- 7.4 By fifteen days prior notice, PLL may request the Vendor to resume the performance of the supplies, without any additional cost to PLL.
- 7.5 If the period of suspension of the supplies exceeds six months, either party shall be entitled to terminate the Contract according to clause 8 hereunder.

8. TERMINATION

(i) TERMINATION ON EXPIRY OF THE CONTRACT

This Contract shall be deemed to have been automatically terminated on the expiry of the term of the Contract , unless the same is terminated prior to the same in accordance with the other provisions of the contract and unless the Owner has exercised its option to extend this Contract in accordance with the relevant provisions, if any, of this Contract.

(ii) TERMINATION ON ACCOUNT OF FORCE MAJEURE

Either party shall have the right to terminate this Contract on account of Force Majeure, in accordance with clause no this General conditions of the Contract as set forth below.

(iii) TERMINATION ON ACCOUNT OF INSOLVENCY

In the event, the Vendor or its collaborator at any time during the term of this Contract becomes insolvent or makes a voluntary assignment of its assets for the benefit of creditors or is adjudged bankrupt by the court of competent jurisdiction, then the Owner shall be entitled to terminate this Contract , by giving a notice in writing, and all the rights and privileges of Vendor shall stand terminated with immediate effect after two (2) weeks of receipt of said notice by the Contractor / Vendor.

(iv) TERMINATION FOR UNSATISFACTORY PERFORMANCE

If the Owner considers that the performance of the Vendor is unsatisfactory or, is not in accordance with the terms of Contract, the Owner shall notify the Vendor in writing of its unsatisfactory performance along with the detailed reason thereof. The Owner shall then have the option to terminate this Contract by giving a 30 days written notice to the Vendor, if the Vendor fails to cure the reason for that unsatisfaction and /or comply with any requisitions contained in the said written notice given by the Owner.

(v) TERMINATION FOR CONVENIENCE

Notwithstanding anything contained in the Contract, the Owner may, by giving a 30 (Thirty) days written notice, terminate the Contract in whole or in part, if so desires.

In case of such termination, the obligation of the Owner to pay, shall be limited to the extent of price of Goods supplied by the Vendor and which has been duly received by the Owner, as per the provisions of the Contract, up to the date of notice of termination, subject to the Contactor complying with other provisions of the Contract.

(vi) CONSEQUENCES OF TERMINATION AND AMOUNT PAYABLE

In all cases of termination herein set forth, obligation of the Owner to pay, shall be limited to the extent of agreed price of Goods supplied by Vendor as per provision of the Contract up to the date of notice of termination, subject to the Vendor complying with other provisions of the Contract. Notwithstanding the termination of the Contract, the parties shall

continue to be bound by the provisions of this Contract that reasonably require some action or forbearance after such termination.

9. FORCE MAJEURE

In the event of either party being rendered unable by the events which are beyond the control of the party (Force Majeure events) to perform any obligation required to be performed under this Contract, the relative obligation of the party affected by such Force Majeure event shall be suspended, for the period during which such event lasts, subject to a maximum period of 60 days (it is for reference only and will be decided on the basis of duration of Contract), after which both the parties shall be entitled to terminate the Contract by giving not less than 15 days' written notice without any liability for termination.

Upon the occurrence of any such event(s) the party claiming the Force Majeure, shall notify the other party in writing as soon as practicably possible of the occurrence of such Force Majeure event and also the ending of the said Force Majeure event, in writing, not later than 72 hours of the occurrence / ending of the such event.

Force Majeure shall mean and include the following:

- (a) War / Hostilities
- (b) Riot or Civil Commotion
- (c) Earthquake, Flood, Tempest, Lightning, Epidemic, Pandemic or Other Natural Disaster notified or not by the Govt authorities.
- (d) Restrictions imposed by the Government or Other Statutory Bodies, which prevents or delays the execution of the order by the Vendor.
- (e) Lawful Strikes and Lockouts.

10. PRICE REDUCTION SCHEDULE (PRS) {Not Applicable for OEM and Proprietary services and Contract Value less than INR 7 Lakhs (exclusive of GST)}

- 10.1 In case the Vendor fails to complete the Supplies of Goods within the stipulated period, then, unless such failure is due to Force Majeure event as defined in Clause herein above or due to established default by PLL or its employees, the total Value of Contract shall be reduced by ½ (half) % of the total Value of Contract per week of the period of delay or part thereof subject to a maximum of 5 (five) % of the total Value of Contract, by way of reduction in price for total period of delay.
- 10.2 The portion of supply completed in all respect which is being used for commercial operation shall not be considered for applying Price Reduction Schedule, if delivered within contractual delivery period.
- 10.3 The decision of the OIC with respect to applicability of Price Reduction Schedule shall be final and binding on the Vendor.
- 10.4 The Price Reduction will be calculated on the basis of total Value of Contract / executed Value of Contract (as the case may be) exclusive of taxes and duties.

- 10.5 As per clause 10.1 above, in case of delay in the execution of Contract the Vendor shall raise invoice for reduced value as per Price Reduction Clause. However, in case Vendor has raised the invoice for the full value of the contract, then Vendor shall issue a Credit Note towards the applicable Price Reduction amount.
- 10.6 In case Vendor fails to submit the invoice for reduced value or does not issue credit note as mentioned above, PLL will release the payment to Vendor after by reducing the amount after applying Price Reduction Schedule clause with corresponding reduction of taxes or PLL shall be at liberty to opt for Set-off, adjustment or deduction of the said amount along with applicable taxes, penalties, interest, if any, from any amount due for payment to the Vendor or security deposit, if any, lying with PLL, in future to the him under this contract.
- 10.7 In the event of any financial implication arises on PLL due to issuance of invoice without reduction in price or non-issuance of Credit Note, the same shall be to the account of Vendor and Vendor shall indemnify PLL to that effect.

11. MODIFICATION

During the performance of the Contract, OIC / PLL may make a change within the general scope of this Contract including, but not limited to, changes in methodology and minor additions to or deletions from the Work or with respect to technical and/or commercial aspects including terms of delivery and Vendor shall render the service as changed. Changes of this nature will be affected by a written order (i.e. Amendment) by the PLL. The time of completion of the said job may be extended for the part of the particular job at the discretion of OIC, for only such alterations or substitutions of the Works, as he may consider just and reasonable.

Issuance of acceptance or otherwise in such cases shall not be a ground for extension of agreed delivery date and also shall not affect the performance of contract in any manner except to the extent mutually agreed in writing between the parties, through an amendment of contract. PLL shall not be bound by any conditions or provisions in the Vendor's Bid Forms or acknowledgment of Contract, invoices, packing list and other documents which purport to impose any conditions at variance with or supplemental to the Contract.

Any modification of or addition to the contract shall not be binding unless mutually agreed and made in writing between both the parties.

12. COMPLIANCE OF LABOUR LAW CODES

The Vendor shall comply with all the relevant labour Laws/Codes/Regulations/ rules as amended upto date, applicable to the Vendor's Personnel, including Laws relating to their employment, health, safety, welfare, immigration and emigration. The Vendor shall require its employees to obey all applicable Laws, including those concerning safety at work.

13. ASSIGNMENT / SUBLET

- 13.1 The Vendor shall not, save with previous written consent of the OIC or unless the same has been expressly specified in the Contract, sublet, transfer or assign the Contract or any obligations on the part of Vendor thereof or interest therein or benefit or advantage thereof in any manner whatsoever to any third party, without prior permission of PLL.

Provided, nevertheless, that any such permission given by PLL shall not relieve the Vendor from any obligation, duty or responsibility under the Contract.

13.2 This is pertinent to mention here that the basic scope of Contract cannot be sublet in any case. However, on specific request of the Vendor and subject to written permission of PLL, the Vendor may sublet the allied / incidental jobs related to the contract. Such permission shall not relieve the Vendor from any obligations, duty or responsibility under the Contract and Vendor shall be fully responsible for the same hereunder for the execution and performance of the Contract.

13.3 Sub-letting of entire Contract is specifically prohibited and an undertaking to this effect shall always be given by Vendor along with each invoice / bill.

14. NOTICE

14.1 **TO THE VENDOR:** Any notice to be given to the Vendor or his duly authorised representative under the terms of the Contract may be served by PLL by e-mail or through registered post / Courier at the address / contact information furnished by the Vendor. Proof of issue of any such notice shall be a conclusive evidence of the Vendor having been duly informed of all contents therein.

14.2 **TO PLL:** Any notice to be given to the OIC of the Owner under the terms of the Contract may be served by the Vendor, by e-mail or delivering the same through registered post / Courier at the respective site office.

14.3 A notice shall be effective when delivered or on the date mentioned in notice whichever is later.

15. INTELLECTUAL PROPERTY RIGHTS

The Vendor shall not, in supplying goods under this Contract, knowingly infringe or misappropriate any intellectual property right of a third party, and will take reasonable actions to avoid infringement. The Vendor shall protect, hold harmless, defend and indemnify PLL from and against any claim, lawsuit, or other proceeding, loss, cost, liability, or expense (including court costs and reasonable fees of attorneys and other professionals) to the extent arising out of: (i) any third party claim that a deliverable infringes any patent, copyright, trade secret, or other intellectual property right of any third party; or (ii) any third party claim arising out of the negligent or other tortious acts or omissions by the Vendor or its employees, subcontractors, or agents in connection with or related to the Vendor or the Vendor's performance under this Contract.

16. EXECUTION OF CONTRACT

All the Goods shall be supplied in strict conformity with the provisions of the Contract and with such explanatory detailed specification and instruction as may be furnished from time to time to the Vendor by OIC to the satisfaction of PLL and accept full responsibility for the satisfactory quality of such Goods supplied by them.

Any error in description and any omissions therefrom, shall not vitiate the Contract or release the Vendor from the execution of the whole or any part or any of his obligations under the Contract.

17. INSPECTION, TESTING & EXPEDITING

- 17.1. PLL or its representative shall have the right to inspect and / or test the goods to confirm their conformity to the contract specifications. The inspection & tests shall be conducted on the premises of the seller at the point of delivery and / or at the goods final destination. All reasonable facilities & assistance including access to drawings & production data shall be furnished by seller to PLL free of cost. PLL shall bear all the cost towards Boarding and lodging of PLL personnel visiting Seller's/ Vendor's premise of facility for inspection and expediting purpose.
- 17.2. Preliminary inspection at Seller's works shall not prejudice Purchaser's claim for rejection of the Goods on final inspection at Site or claims under warranty provisions.
- 17.3. If the Goods are not of specification or fails to perform specified duties or are otherwise not performing to the satisfaction of PLL, then PLL shall have the right to reject the Goods or parts thereof and ask for free replacement of the same within reasonable time failing which, PLL shall obtain the Good from some third party to fulfil its requirements at Seller's cost and risk.
- 17.4. Nothing in this clause shall be deemed to deprive PLL and/or affect any of its rights under the Contract which it may otherwise have in respect of such defects or deficiencies or in any way relieve the Vendor of his obligations under the Contract.
- 17.5. Goods rejected by the Purchaser shall be removed by the Seller at his own cost within 14 days (in case of dangerous, infected, corrosion-prone and perishable materials within 8 hours) of notice after repaying the amounts received against the supply. PLL shall in no way be responsible for any deterioration of or damage to the Goods under any circumstances whatsoever.

In case of rejection of Goods, Purchaser shall have the right to recover the amounts, if any, from any of Seller's invoices pending with Purchaser or by alternative method(s). The Purchaser shall also be entitled to recover handling and storage charges for the said period, during which rejected materials are not removed by the Vendor @ 5% of the value of materials for each month or part of a month till the rejected materials are finally disposed off.

18. TRANSIT RISK INSURANCE

- i. All equipment(s) / material(s) shall be insured by Vendor for all transit risks up to unloading at PLL site unless specified otherwise in the Purchase Order, to cover the damages during the transportation and handling of Goods.
- ii. Any damage during the transportation shall be immediately notified by PLL to Vendor as well as the transporter on receipt of goods, for further necessary action for recovery of transit damages.

19. TRANSPORTATION

- i. Unless specifically specified in the Tender document, the Vendor shall supply the Goods on Carriage and Insurance Paid (CIP) / Delivered at (DAP) basis.
- ii. Where the Vendor is required under the Contract to deliver the Goods on the other modes of delivery viz. Freight on Board (FOB) / Free Carrier (FCA) / Free Alongside (FAS) / Cost and Freight (CFR) / Cost, Insurance and Freight (CIF) / Delivered duty paid (DDP) etc., the responsibility of Vendor shall be to arrange for transportation of goods from their works as per standard practice defined under INCOTERMS 2020.

20. WARRANTY

The Vendor shall warrant that everything to be supplied under the contract shall be free from all defects and faults in material, workmanship and manufacturing defects and same shall be of the highest grade and consistent with the established and generally accepted standards of the materials of the type supplied and in full conformity with the specifications drawings or samples, if any, and shall if operable, operate, properly. This warranty shall survive inspection and acceptance of the goods but shall expire 12 months from the date of commissioning / operations or 24 months from the date of dispatch, whichever is earlier.

21. INVOICE

In case where documents are not routed through Bank, original plus one copy of invoice shall be directly sent to OIC immediately after dispatch with copies to purchaser and the consignee mentioned in Contract / Purchase Order. Invoice must bear the Purchase Order no. with date and should also indicate the dispatch particulars. It may be noted that the documents will be retired only if the dispatches are made as per the terms of the Purchase Order.

22. PACKING & MARKING

While dispatching ordered stores, it will be the responsibility of the Vendor to properly pack the consignment so as to enable its delivery at destination free from loss, damage or

pilferage. Each packing must contain a list of stores ("Packing List") packed therein. Each packing / bundle must be prominently marked with order no. and packing no. & consignee name & address.

23. DESPATCH DOCUMENTS

The Vendor will intimate dispatch particulars to PLL through e-mail at the time of dispatch of goods.

The dispatch documents shall consists of Invoice, Challan, Packing List, GR/LR, inspection/ Test Certificate and any other document(s) as mentioned in the P.O. Copies of dispatch documents should reach PLL well in advance failing which any demurrage / wharfage etc. incurred on account of late / non-receipt of dispatch document / wrong dispatches of consignment will be recovered from supplier. In case of documents through Bank, it may be noted that the documents will be retired only if the dispatches are made as per the terms of the Purchase Order.

24. REPEAT ORDER

PLL reserves the right within six months of order, to place repeat order up to 50% of the total order value without any change in unit price or other terms and conditions of the contract.

25. RECOVERY OF SUMS DUE

All costs, damages or expenses which the PLL may have suffered, for which under the Contract, Seller is liable, may be recovered by the PLL (he is hereby irrevocably authorized to do so) from any money due to or becoming due to the Vendor under this Contract or other Contract and / or may be recovered by action at law or otherwise if the same due to the Vendor is not sufficient to recover the recoverable amount, the Vendor shall pay to the PLL, on demand, the balance amount.

26. PAYMENTS ETC. NOT TO AFFECT RIGHTS OF THE PLL

No sum paid on account by the PLL nor any extension of the date for completion granted by the PLL shall affect or prejudice the rights of the PLL against the Vendor or relieve the Vendor of his obligation for the due fulfilment of the Contract.

Losses due to non-compliance of Instructions, losses or damages suffered by PLL owing to the Vendor's failure to adhere to any of the instructions given by the PLL in connection with the order execution shall be recoverable from the Seller.

27. CUT-OFF DATES

No claims or correspondence on this Order shall be entertained by the PLL after 90 days after expiry of the performance guarantee (from the date of final extension, if any)

28. FALL CLAUSE

- 28.1. The price charged for the materials supplied under the Contract by the Vendor shall in no event exceed the lowest price at which the Vendor or his agent/principal/dealer, as the case may be, supplies the materials of identical description to any Persons/Organizations including the Purchaser or any Department of the Central Govt. or any Department of a State Govt. or any Statutory Undertaking of the Central or State Govt. as the case may be, during the term of the Contract.
- 28.2. If at any time during the said Term, the Vendor or his agent/principal/dealer, as the case may be, reduces the sale price, sells or offers to sell such materials to any persons/organizations including the Purchaser or any Deptt. Of Central Govt. or State Govt. as the case may be, at a price lower than the price chargeable under the Contract, he shall forthwith notify such reduction or sale or offer of sale to the PLL and the price payable under the Contract for the Goods supplied after the date of coming into force of such reduction or sale or offer of sale shall stand correspondingly reduced.
- 28.3. The supplier shall furnish the following certificate to PLL along with each bill for payment for supplies made against this order: - "I/We certify that there has been no reduction in sale price of the items/goods/materials of description identical to those supplied to the PLL under the order herein and such items/goods/materials have not been offered/sold by me/us to any person/organizations including the Purchaser or any Deptt. of Central Govt. or any Deptt. of State Govt. or any Statutory Undertaking of the Central or State Govt. as the case may be upto the date of bill/during the Term of this Contract whichever is later, at a price lower than the price charged to the PLL under the Contract".

29. INDEMNITY AND INSURANCE

The Vendor shall purchase and maintain at his cost, such insurance as will protect the parties from any claim which may arise out of or result from the Vendor's performance of its obligations or otherwise under the Contract, whether such claim may arise due to action or omission by the Vendor or a Sub-Vendor or by anyone directly or indirectly contracted or used by any of them, or by anyone for whose acts any of them may be liable.

All policies of insurance referred to in this Clause shall be endorsed to specify that they are primary to and not excess to or on a contributing basis with any insurance or self-insurance maintained by Owner and Vendor (and their respective Affiliates) or any Sub Vendors in respect of losses arising out of or in connection with the Work.

Further, the Vendor shall indemnify and keep indemnified PLL and its every member, officer and staff against all actions, proceedings, claims, costs and expenses whatsoever in respect of or arising out of any failure or default by the Vendor in due performance of its obligations under this Contract.

The Vendor shall undertake to provide comprehensive accident insurance coverage in respect of every employee employed by it for carrying out PLL's job.

The Vendor hereby agrees to indemnify and keep indemnified PLL and its employees, in case PLL faces any legal actions, proceedings, claims, costs, expenses, damages, loss on account of breach, if any, terms and conditions of the Contract including infringement of IPR by the Vendor.

30. TAXES AND DUTIES

- 30.1. Unless otherwise specified in the NIT / Tender document, all duties, taxes and other levies including cess on all duties, taxes and other levies (excluding GST) payable by the Vendor under the Contract shall be included in the schedule of prices submitted by the Vendor as per format.
- 30.2. The monthly bill in duplicate will have to be submitted by the Vendor to the OIC at the rates specified and the payment will be made after verification of the same. On no account any extra payment whatsoever will be made to the Vendor for this contract. The bills should be supported by copies of payment including statutory payments in respect of each personnel engaged by the Vendor.
- 30.3. The Vendor shall be fully and exclusively responsible for the payment (and liable for all consequences in the event of default) of all contribution and taxes for unemployment compensation, insurance and old age pensions and amenities now or hereafter imposed by any law of the Government / local bodies which are imposed with respect to or covered by the wages, salaries or other compensation paid to the persons employed by the Vendor.
- 30.4. After award of work, GST as applicable shall be paid by PLL to the Vendor based on the Taxable invoices issued by the Vendor.
- 30.5. PLL shall accept only E-Invoice compliant invoices, in case the provisions are applicable.
- 30.6. TDS along with surcharge as applicable at the prevailing rate on the gross amount billed shall be deducted from the Vendor's invoice as per applicable laws.

30.7. Change in Law

If at any time any change in Indian Law causes an imposition of any new tax in India, that was not in existence as on Bid Submission Date / Date of Letter of Award (LoA), which is applicable to the Vendor under this Contract, then either Party may request a revision of the payments made or to be made to Vendor under this Contract. Either Party, as the case may be, shall provide notice to the other Party of such request setting forth the proposed amount along with relevant details and calculations relating to, such change.

The Parties shall promptly , but in no case later than fifteen (15) days from the date of such written request, discuss in good faith and mutually agree to revise the payments pursuant to such change along with the basis of such revision and the effective date of such revision.

For avoidance of any doubt, it is clarified that any new tax shall be to the account of PLL. Similarly, the benefit of any decrease in the corporate tax rates shall be passed on by the Vendor to PLL. either by way of refund or an adjustment in the payments due and payable to Vendor in accordance with this Contract.

31. UNETHICAL PRACTICES

- 31.1 The Vendor represents, warrants and agrees that no Person has been retained or employed to solicit this Contract upon any arrangement or understanding for the payment of any commission, fee or other compensation of any kind, except for compensation to bona fide employees of the Vendor.
- 31.2 The Vendor further represents and warrants that neither it nor any of its Affiliates nor any of its or their respective personnel have made, received, provided or offered and the Vendor agrees that neither it nor any such other entity or Person shall make, receive, provide or offer, any gift, entertainment, payment, loan or other consideration for the purpose of influencing any person to any course of conduct in any way relating to or affecting this Contract.
- 31.3 Without in any way limiting the nature of breaches which could constitute ‘material breaches’ of this Contract / LOA for the purposes of clause 8 of GCC, Parties hereby expressly agree that breach of the foregoing representations and warranties shall constitute a material breach of this Contract and shall give Owner the right to immediately terminate this Contract pursuant to Clause 8 of GCC.

32. DISPUTE RESOLUTION

- 32.1. In the event of a dispute between the Owner and the Vendor regarding , arising out of, relating to or in connection with this Contract, including, its application, interpretation, breach, termination, validity or invalidity (a **“Dispute”**), prior to the initiation of any legal action or proceeding (but only in accordance with and as permitted by this Contract) in relation to a Dispute, the OIC and the Vendor’s Representative shall, upon the written request of either the Owner or the Vendor (a **“Request”**), use their best efforts in good faith to reach at a reasonable and equitable resolution in relation to the Dispute.
- 32.2. If the OIC and Vendor’s Representative are unable to resolve the Dispute within thirty (30) days of receipt by either Party of a Request, either Party may by a written notice (a **“Notice”**), refer the matter for resolution by good faith negotiation between their respective senior officers with appropriate decision making powers and who shall not have had any substantive involvement in the matters related to the Contract, unless the Parties otherwise agrees.
- 32.3. If the senior officers are unable to resolve the Dispute within thirty (30) days of receipt by either Party of a Notice (or such other period as may be mutually agreed), either Party may resort to the other Dispute resolution provisions.
- 32.4. The Parties agrees to use their best efforts to resolve all Disputes promptly, amicably, equitably and in good faith.

33. ARBITRATION {Applicable for Contract Value more than INR 2 Crores}

In case the dispute is not resolved as mentioned above, the same shall be referred to Arbitration comprising of an Arbitration Tribunal of three arbitrators, of whom each Party shall nominate one arbitrator. The third arbitrator (who shall act as Presiding Arbitrator) shall be nominated by the two arbitrators, nominated by the Parties.

The arbitration shall be conducted in accordance with the provisions of the (Indian) Arbitration and Conciliation Act, 1996 (“Act”) as amended from time to time. The venue of arbitration shall be in New Delhi, India and proceedings shall be conducted in English language.

The Award of the arbitral tribunal shall be final and binding upon the Parties.

Notwithstanding the fact that settlement of dispute(s) (if any) under arbitration may be pending, the parties hereto shall continue to be governed by and perform the work in accordance with the provisions under this Contract.

34. JURISDICTION AND APPLICABLE LAW

This Contract including all matter connected to this Contract, shall be governed by the laws of India and shall be subject to exclusive jurisdiction of the courts of New Delhi.

35. LICENSE / CERTIFICATE / CONSENT / APPROVAL {IF APPLICABLE}

Seller shall procure, at his expense, all necessary permits, certificates and licences required by virtue of all applicable laws, codes, regulations, ordinances and other rules in effect at the place where any of the work is to be performed, and Seller further agrees to hold PLL harmless from liability or penalty which might be imposed by reason of any asserted or established violation of such Codes, laws, regulations, ordinances or other rules. PLL will provide necessary permits for Seller’s personnel to undertake any work in India in connection with Contract.

The consent / approval / license / certificate for carrying out the work from the concerned authority shall be kept valid for the entire duration of the contract and it shall be the sole responsibility of the Vendor / bidder to maintain / renew the validity of the such consent / approvals thereunder from time to time, failing which it may lead to cancellation of contract.

36. LIMITATION OF LIABILITY

Notwithstanding anything contrary contained herein, the aggregate total liability of Supplier to Employer under the Contract shall not exceed the Total Contract Value, except that this clause shall not limit the liability of the Supplier for following:

(a) In the event of breach of any Applicable Law;

(b) In the event of fraud, wilful misconduct or illegal or unlawful acts, or gross Negligence of the Supplier or any person acting on behalf of the Supplier; or

(c) In the event of acts or omissions of the Supplier which are contrary to the most elementary rules of diligence which a conscientious Supplier would have followed in similar circumstances; or

(d) In the event of any claim or loss or damage arising out of infringement of Intellectual Property; or

(e) For any damage to any third party, including death or injury of any third party caused by the Supplier or any person or firm acting on behalf of the Supplier in executing the job.

However, neither party shall be liable to the other Party for any indirect nor consequential loss or damage like loss of use, loss of profit, loss of production or business interruption which is connected with any claim arising under the Contract.

37. COMPLIANCE OF PLL INSIDER'S TRADING

By virtue of association / engagement with Petronet LNG Limited (PLL), it is likely that certain Unpublished Price Sensitive Information (UPSI) as defined under "Code for Prevention of Insider Trading in the Securities of PLL" (hereinafter called Code), copy of which is hosted on the website of the company www.petronetlng.com, that is not generally available and which upon becoming generally available is likely to materially affect the price of the securities issued by PLL, might be shared with you / your organization. It is hereby cautioned that you or any of your team members or immediate relatives thereof or your organization, should not trade in the securities of PLL while in possession of such UPSI or communicate such UPSI to any person except in furtherance of legitimate purposes (as defined in the Code), performance of duty or discharge of legal obligations. Any trades in securities of PLL, directly or indirectly, while in possession of any UPSI would be presumed to have been motivated by the knowledge and awareness of the UPSI and the onus to prove that trades were executed otherwise would be on you or any of your team members or your organization as the case may be. It is therefore advised that all concerned as stated above must familiarize himself/themselves with the "Code for Prevention of Insider Trading in the Securities of PLL", copy of which is hosted on the website of the company.

Accordingly, it must be ensured that any UPSI, whenever received from the company:

- (a) shall be used solely for the purpose for which it is being disclosed;
- (b) shall be preserved and the secrecy of such information shall be maintained;
- (c) shall not be disclosed to any third party;
- (d) shall be kept securely and properly protected against theft, damage, loss and unauthorized access (including access by electronic means) by deploying means similar to those being used to secure its own confidential information;
- (e) to notify PLL immediately upon becoming aware that any of the confidential information has been disclosed to or obtained by a third party.

It may be noted that any violation in dealing with UPSI shall be considered as breach of terms of engagement / Contract and PLL shall take necessary action for such breach in addition to reporting to SEBI for taking necessary action under SEBI (Prohibition of Insider Trading) Regulations, 2015 or subsequent amendments thereof. Further, SEBI may take any

action including levy of penalty etc. as per SEBI Regulations in this regard in case of any violation in dealing with UPSI at your end.

38. PROCEDURE FOR PUTTING AN AGENCY ON HOLIDAY AND BANNING LIST

Procedure for putting an agency on Holiday and Banning list is enclosed at Attachment-I .

**39. PROCEDURE FOR EVALUATION OF PERFORMANCE OF VENDORS/
CONTRACTORS/ CONSULTANTS**

Procedure for evaluation of performance of Contractor is enclosed at Attachment-II

PROCEDURE FOR PUTTING AN AGENCY ON HOLIDAY AND BANNING LIST

DEFINITION:

“Agency” shall mean Bidder / vendor / Contractor / Supplier / Consultant of Petronet LNG Limited (PLL).

“Corrupt practice” means the offering, giving or soliciting of anything of pecuniary advantage value to improperly influence by abuse of entrusted power, the procurement process or in contract execution.

“Fraudulent practice” includes any act or omission committed by an agency / entity by misrepresenting, misleading/submitting false document and or false information or concealment of facts in order to influence the procurement process as well as during the execution of contract.

“Collusive practice” amongst bidders means a scheme or arrangement designed to establish bid prices at artificial non-competitive level and to deprive PLL of the benefit of free and open competition.

“Coercive practice” means impairing or harming or threatening to impair or harm directly or indirectly, any agency or its property to influence the improper actions of an agency, obstruction of any investigation or auditing of a procurement/contract process.

A. INTRODUCTION:

In the course of the bidding / contracting (procurement, works and service contracts), agencies (bidder(s) / vendor(s) / supplier(s) / contractor(s) / consultant(s)) are expected to adopt ethics of highest standards and a high degree of integrity, safety & quality consciousness, commitments and sincerity towards terms and conditions of the tender(s) / order (s) undertaken. Any aberration, deviation and violation from the expected behaviour of the Agencies need to be dealt appropriately by putting the Agencies on holiday or banning list for specific periods so that it becomes a deterrent for all the future transactions.

1. HOLIDAY LIST

An Agency may be put in the Holiday list in case if:

- a. It has refused to accept LOA/LOI/Purchase order/contract (order value 10 Lakhs and above) after the same is issued within the period of Bid validity and as per agreed terms & conditions or,
- b. The materials supplied by the Agency are found to be defective and fails to perform during its use/operation. Premature failure of the work executed by contractor/failure of equipment during the operation, and not giving the desired result as per provision of the contract or,
- c. The rating of the vendor/ consultant come to be POOR as per Procedure For Evaluation Of Performance Of Vendors/ Contractors/ Consultants

- d. It is declared or is in the process of being declared bankrupt, insolvent, wound up, dissolved or partitioned; or
- e. It persistently violates provisions of labor laws/ regulations / rules, safety norms, environmental norms or other statutory requirements; or

2. BANNING LIST

Any Agency can be put in the Banning list in case if:

- a. if it is involved in an instance of Corrupt, Fraudulent, Collusive and Coercive practice against PLL.
- b. it is involved in fraudulent activity, wilful misconduct, misrepresentation, mis-declaration, security considerations or,
- c. it has indulged in any type of forgery or falsification of records; or
- d. the proprietor of the firm, its employee(s), partner(s) or representative(s) is / are convicted by a court of law for offences involving moral turpitude in relation to business dealings.
- e. There is strong justification for believing that the proprietor or employees or representatives of firm have been guilty of malpractices such as bribery, corruption, fraud, substitution of tenders, interpolations, misrepresentation, evasion or default in payment of any tax levied by law.

B. DELETED

C. Procedure To Be Followed For Irregularities Observed At Various Stages

1. Irregularities noticed during Bidding Process:

If any irregularity mentioned in Clause A.2 is observed during bidding process/ bids evaluations stage the bid of such Bidder (s), it shall be rejected after due approval from the competent authority and following the due procedure.

In case the irregularities are found to be true the EMD/ Bid security of such Bidder shall be forfeited.

2. Irregularities noticed after award of contract

(i) During execution of contract:

In case irregularities are found to be true the contract shall be suspended with immediate effect.

The Agency shall be banned / put on holiday list for future business with PLL for a period specified in Clause (D) below from the date of issue of banning / holiday order.

The PBG submitted by such agency against such order/ contract shall also be forfeited.

The amount that may have become due to the contractor on account of work already executed by him shall be payable to the contractor and this amount shall be subject to adjustment against any amounts due from the contractor under the terms of the contract.

(ii) After execution of contract and during Defect liability period (DLP)/ Warranty/ Guarantee Period:

In case irregularities are found to be true, the Agency shall be banned / put on holiday list for future business with PLL for a period specified in Clause (D) below from the date of issue of banning / holiday order.

The PBG submitted by such Agency against such order/ contract shall also be forfeited.

(iii) After expiry of Defect liability period (DLP)/ Warranty / Guarantee Period.

In case irregularities are found to be true, the Agency shall be banned / put on holiday list for future business with PLL for a period specified in Clause (D) below from the date of issue of banning / holiday order.

3. Exceptional Cases:

(i) However, as an exception, the ongoing order(s)/ contract(s) where irregularities has been observed, the Agency may be allowed to complete the supply/ job in case of following situations:

- a) No adverse performance of the job as per scope of work (performance to be reviewed on quarterly basis) and.
- b) The supply/ jobs are of critical nature in terms of adverse impact on the Project Completion Schedule and or prospective revenue generation.

(ii) DELETED

(III) The Performance Bank Guarantee (PBG), of such Agency against the order (s)/ contract (s) where Agency is allowed to complete the supply/ job in above exceptional case shall not be forfeited on this ground. The contract shall be executed as per terms and conditions of the contract. However, the Agency shall be put on Banning / Holiday List from the date of banning order.

4. Effect of Banning on other ongoing Contracts/ Tenders

- (i) If an Agency is put on Banning / Holiday List, such Agency should not be considered in ongoing tenders/ further tenders.
- (ii) However, if such an Agency is already executing other order(s)/ contracts (s) where no irregularities are observed, the agency should be allowed to continue till its completion without any further increase in scope except those incidentals to original scope mentioned in the Contract.

D. HOLIDAY / BANNING PERIOD

- (i) The Agency can be put on Holiday for a time period ranging from 6 months to 3 years. The committee examining the case shall propose the holiday period in its recommendation.
- (ii) Banning period shall be reckoned from the date of banning order and shall be of 3 years.

In exceptional cases where the act of vendor/ contractor is a threat to the National Security, the banning shall be for indefinite period.

**PROCEDURE FOR EVALUATION OF PERFORMANCE OF VENDORS/
CONTRACTORS/ CONSULTANTS**

1 GENERAL

A system for evaluation of Vendors/ Suppliers/Contractors/ Consultants and their performance is a key process and important to support an effective purchasing & contracting function of an organization.

Performance of all participating Vendors/ Suppliers/Contractors/ Consultants need to be closely monitored to ensure timely receipt of supplies from a Vendor, completion of an assignment by a Consultant or complete execution of order by a contractor within scheduled completion period. For timely execution of projects and meeting the operation & maintenance requirement of operating plants, it is necessary to monitor the execution of order or contracts right from the award stage to completion stage and take corrective measures in time.

2 OBJECTIVE

The objective of Evaluation of Performance aims to recognize and develop reliable Vendors/ Suppliers/Contractors/ Consultants so that they consistently meet or exceed expectations and requirements.

The purpose of this procedure is to put in place a system to monitor performance of Vendors/ Suppliers/Contractors/ Consultants associated with PLL in Projects and in O&M so as to ensure timely completion of various projects, timely receipt of supplies including completion of works & services for operation and maintenance of operating plants and quality standards in all respects.

3 METHODOLOGY

i) Preparation of Performance Rating Data Sheet

Performance rating data Sheet for each and every Vendor/ Supplier/Contractor/ Consultant for all orders/Contracts with a value of Rs. 7 Lakhs and above is recommended to be drawn up. These data sheets are to be separately prepared for orders/ contracts related to Projects and O&M. Format, Parameters, Process, responsibility for preparation of Performance Rating Data Sheet are separately mentioned.

ii) Measurement of Performance

Based on the parameters defined in Data Sheet, Performance of concerned Vendor/ Supplier/Contractor/ Consultant would be computed and graded accordingly. The measurement of the performance of the Party would be its ability to achieve the minimum scoring of 60% points in the given parameters.

- iii) **Initiation of Measures:**
Depending upon the Grading of Performance, corrective measures would be initiated by taking up the matter with concerned Vendor/ Supplier/Contractor/ Consultant. Response of Vendor/ Supplier/Contractor/ Consultant would be considered before deciding further course of action.
- iv) **Implementation of Corrective Measures:**
Based on the response of Vendor/ Supplier/Contractor/ Consultant, concerned Engineer-in-Charge for the Projects and/or OIC in case of O&M would recommend for continuation or discontinuation of such party from the business of PLL.
- v) Orders/contracts placed on Proprietary/OEM basis for O&M will be evaluated and, if required, corrective action will be taken for improvement in future.

4 **EXCLUSIONS:**

The following would be excluded from the scope of evaluation of performance of Vendors/ Suppliers/Contractors/ Consultants:

- i) Orders/Contracts below the value of Rs. 7 Lakhs (increase value).
- ii) One time Vendor/ Supplier/Contractor/ Consultant.
- iii) Orders for Misc./Administrative items/ Nonstock Non valued items.

However, concerned Engineer-in-Charge /OICs will continue to monitor such cases so as to minimize the impact on Projects/O&M plants due to non-performance of Vendors/ Suppliers/Contractors/ Consultants in all such cases.

5 **PROCESS OF EVALUATION OF PERFORMANCE OF VENDORS/ SUPPLIERS/ CONTRACTORS/ CONSULTANTS**

5.1 FOR PROJECTS

- i) Evaluation of performance of Vendors/ Suppliers/Contractors/ Consultants in case of PROJECTS shall be done immediately with commissioning of any Project.
- ii) On commissioning of any Project, EIC (Engineer-in-charge)/ Project-in-charge shall prepare a Performance Rating Data Sheet (Format- 1) for all Orders and Contracts excluding cases under para 4.0.
- iii) Depending upon the Performance Rating, following action need to be initiated by Engineer-in-charge/Project-in-charge:

S.No.	Performance Rating	Action
1	POOR	Seek explanation for Poor performance

2	FAIR	Seek explanation for Fair performance
3	GOOD	Letter to the concerned for improving performance in future
4	VERY GOOD	No further action

- iv) Reply from concerned Vendor/ Supplier/Contractor/ Consultant shall be examined. In case of satisfactory reply, Performance Rating data Sheet to be closed with a letter to the concerned for improving performance in future.
- v) When no reply is received or reasons indicated are unsatisfactory, the following actions need to be taken:
 - A. Where performance rating is “POOR”
Recommend such defaulting Vendor/Supplier/Contractor/ Consultant for putting on Holiday as per “Procedure for Putting an Agency on Holiday and Banning List” As mentioned elsewhere in the Tender document
 - i) Poor Performance due to reasons other than Quality: **One Year**
 - ii) Poor Performance on account of Quality (if any mark obtained against Quality parameter is less than 30): **Two Years**
 - iii) Poor Performance leading to termination of contract or Offloading of contract due to poor performance solely attributable to Vendor/Supplier/Contractor/Consultant or Repeated Offence: **Three Years**

Non-performance of a Vendor/Supplier/Contractor/Consultant leading to termination of Contract/ Order such Vendor/ Supplier/ Contractor/Consultant are also to be considered for Holiday.

In all such cases, concerned site will put up recommendation and putting the party on Holiday list as per process defined in “Procedure for putting an agency in Holiday list and Banning list”

- B. Where Performance rating is “FAIR”

Recommend for issuance of warning to such defaulting Vendors/Contractors/Consultants to improve their performance.

5.2 FOR CONSULTANCY JOBS

Monitoring and Evaluation of consultancy jobs will be carried out in the same way as described in para 5.1 for Projects except the functions of Project Manager will be performed by concerned In-charges of user Deptts. Such as Project Development, Business Development, HR, Finance, HSE etc.

5.3 FOR OPERATION & MAINTENANCE

- i) Evaluation of performance of Vendors/ Suppliers/Contractors/ Consultants in case of Operation and Maintenance shall be done immediately after execution of order/ contract.
- ii) After execution of orders a Performance Rating Data Sheet (Format attached herewith) shall be prepared for Orders by C&P and for Contracts/Services by respective Engineer-In-Charge excluding cases under para 4.0.
- iii) Depending upon Performance Rating, following action need to be initiated by C&P

Sl. No.	Performance Rating	Action
1	POOR	Seek explanation for Poor performance
2.	FAIR	Seek explanation for Fair performance
3	GOOD	Letter to the concerned for improving performance in future.
4	VERY GOOD	No further action

- iv) Reply from concerned Vendor/ Supplier/Contractor/ Consultant shall be examined. In case of satisfactory reply, Performance Rating data Sheet to be closed with a letter to the concerned for improving performance in future.
- v) When no reply is received or reasons indicated are unsatisfactory, the following actions need to be taken:
 - A. Where performance rating is “POOR”
Recommend such defaulting Vendor/Supplier/Contractor/ Consultant for putting on Holiday as per “Procedure for Putting an Agency on Holiday and Banning List” As mentioned at Annexure I:
 - i) Poor Performance due to reasons other than Quality: **One Year**
 - ii) Poor Performance on account of Quality (if any mark obtained against Quality parameter is less than 30): **Two Years**
 - iii) Poor Performance leading to termination of contract or Offloading of contract due to poor performance solely attributable to Vendor/Supplier/Contractor/Consultant or Repeated Offence: **Three Years**
 - B. Where Performance rating is “FAIR”

Recommend for issuance of warning to such defaulting Vendors/Contractors/Consultants to improve their performance.

FORMATS

FORMAT-1

PETRONET LNG LIMITED

PERFORMANCE RATING DATA SHEET

- i) Project/Work Centre :
- ii) Order/ Contract No. & date :
- iii) Brief description of Items :
Works/Assignment
- iv) Order/Contract value (Rs.) :
- v) Name of Vendor/Supplier/ :
Contractor/ Consultant
- vi) Contracted delivery/ :
Completion Schedule
- vii) Actual delivery/ :
Completion date

Performance Parameter	Delivery/ Com Performance	Quality Perform	Reliability Performance#	Total
Maximum Mark	40	40	20	100
Marks Allocated				

Note:

Remarks (if any)

PERFORMANCE RATING (**)

Note:

(#) Vendor/Supplier/Contractor/Consultant who seek repeated financial assistance or deviation beyond contract payment term or seeking direct payment to the sub-vendor/sub-

contractor due to financial constraints, then '0' marks should be allotted against Reliability Performance.

(*) Allocation of marks should be as per enclosed instructions

(**) Performance rating shall be classified as under:

Sl. No.	Range (Marks)	Rating
1	60 & below	POOR
2	61-75	FAIR
3	76-90	GOOD
4	More than 90	VERY GOOD

Signature of Authorised Signatory:

Name:

Designation:

Instructions for allocation of marks

1. Marks are to be allocated as under:

1.1 DELIVERY/ COMPLETION PERFORMANCE 40 Marks

Delivery Period/ Completion Schedule	Delay in Weeks	Marks
a) Upto 3 months	Before CDD	40
	Delay upto 4 weeks	35
	” 8 weeks	30
	” 10 weeks	25
	” 12 weeks	20
	” 16 weeks	15
	More than 16 weeks	0
b) Above 3 months	Before CDD	40
	Delay upto 4 weeks	35
	” 8 weeks	30
	” 10 weeks	25
	” 16 weeks	20
	” 20 weeks	15
	” 24 weeks	10
	More than 24 weeks	0

1.2 QUALITY PERFORMANCE**40 Marks**

For Normal Cases: No Defects/ No Deviation/ No failure		40 marks
i. Rejection/Defects	Marks to be allocated prorata basis for accepted Quantity as compared to Quantity for normal cases	10 marks
ii. When quality Failure encountered System integration and satisfactory the system	Failure of severe nature	0 marks
	- Moderate nature	5 marks
	- low severe nature	10-25 marks
iii. Number of Deviations	1. No deviation: 2. No. of deviations < 2: 3. No. of deviations > 2:	5 marks 2 marks 0 marks

1.3 RELIABILITY PERFORMANCE**20 Marks**

A	FOR WORKS/CONTRACTS	
i)	Submission of order acceptance, agreement, PBG, Drawings and other documents within time	4 marks
ii)	Mobilization of resources as per Contract and in time	4 marks
iii)	Liquidation of Check-list points	4 marks
iv)	Compliance to statutory and HS&E requirements or Reliability of Estimates/Design/Drawing etc. in case of Consultancy jobs	4 marks

v)	Timely submission of estimates and other documents for Extra, Substituted & AHR items	4 marks
B.	FOR SUPPLIES	
i)	Submission of order acceptance, PBG, Drawings and other documents within time	5 marks
ii)	Attending complaints and requests for after sales service/ warranty repairs and/ or query/ advice (upto the evaluation period).	5 marks
iii)	Response to various correspondence and conformance to standards like ISO	5 marks
iv)	Submission of all required documents including Test Certificates at the time of supply	5 marks

स्वदेशी सामग्रियों के लिए पैकिंग, मार्किंग, शिपिंग और दस्तावेज विनिर्देश

PACKING, MARKING, SHIPPING AND DOCUMENTATION SPECIFICATIONS FOR INDIGENOUS MATERIALS

1	10-09-2018	ISSUED FOR COMPLIANCE	DDC	DRC	ED (SCM)
0	05-12-2012	ISSUED FOR COMPLIANCE	DDC	DRC	GM (I)
Rev. No	Date	Purpose	Prepared by	Reviewed by	Approved by

Abbreviations:

CM	-	Centimeters
EIL	-	Engineers India Limited
E-way bill	-	Electronic Way Bill
Kg	-	Kilograms
FTL	-	Full Truck / Trailer Load
KGS	-	Kilograms
L.R.	-	Lorry Receipt / Goods Receipt
mm	-	Millimetre
MT	-	Metric Ton
NO. / NOS.	-	Number / Numbers
P.O.	-	Purchase Order
RCM	-	Resident Construction Manager

Document drafting Committee Members:

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Shri Ashish Mathur, Manager (SCM-Shipping)

Document review Committee Members:

Shri Uttam Kumar, Manager (SCM-C&P)

Shri R K Singh, Sr. G.M (SCM) & Head (Shipping)

Shri Rajeev Kumar, Sr. G.M (SCM-Inspection)

1. GENERAL

1.1 Purpose

This specification details the minimum requirements for the preservation, packing, marking, shipping and documentation of Products, materials and equipment as specified in the respective Purchase Orders or Contracts. This specification forms an integral part of the Purchase Order or Contract issued. However, whenever specific instructions are detailed in the Purchase Order and are in conflict with this specification, particular instructions mentioned in the individual Purchase Order or Contract shall prevail over this general specification.

1.2 Requirements and Conditions

The following requirements are intended as minimum requirements, and compliance to these requirements in no way absolves or relieves Supplier of any responsibility or obligation outlined in the Purchase Order. Equivalent or better packing methods may be deployed wherever supplier's own packing standards are more stringent to the requirements mentioned herein. Supplier shall submit the packing procedure or its equivalent for purchaser's approval during detailed engineering.

In all circumstances, the packing will be designed and constructed in order to support materials during transportation as well as to prevent the materials from damage due to impact, extreme climatic conditions, sun and rain. It must be ensured that the materials and equipments are delivered to the job site by sea, road or air, in good condition.

The Supplier shall, at its own cost, ensure items to be transported are carefully packed and protected in accordance with best practice, having due regard to the climatic conditions encountered during the passage, method of carriage and handling / loading / unloading processes. In addition to any of the measures detailed within this Specification, the Supplier shall apply any other measures that, in its experience, are required to safeguard the particular item. The Supplier shall obtain the approval of EIL / Owner for any variation to the packing, marking and shipping requirements outlined in this Specification.

1.3 Responsibility and liability

Supplier shall be held responsible for any damages and / or losses of all and any kind that may occur by not respecting these specifications. Owner / EIL reserves the right to reject any packing when the packing does not conform to these specifications / instructions and / or when the packing does not ensure perfect protection of the goods and materials. Supplier is responsible for the weights and dimensions declared and the marking of the packages. Supplier will be held responsible in the event goods and materials becoming useless, broken or damaged as a result of poor packing and / or stowing or due to corrosion because of insufficient or inadequate protection. All direct and indirect costs resulting thereof will be back charged to Supplier.

2. CLEANING AND PRESERVATION

2.1 Cleaning

All equipment, materials and parts shall be thoroughly cleaned inside and outside and shall be free from grease, oil, weld spatter, rust and all other foreign matter prior to preservation.

2.2 Preservation

Articles may be exposed to severe environmental or climatic conditions, moisture and dust. All materials and equipment shall be packaged suitable to prevent damage and deterioration during transportation and storage. Where damage occurs due to inadequate packaging of items, the liability for costs associated with rectification of the damage will be to the Supplier's account. All metals subject to corrosion shall be treated with a corrosion preservative suitable for the purpose intended. Products susceptible to corrosion must be packaged in a dry non-corrosive environment for the duration of shipment and storage, for a minimum of 1 year. All bright and machined parts shall be coated with a recognized rust preventative suited to the particular application concerned. All internal parts of machinery shall be treated with lubricant containing rust and oxidation inhibitors to protect equipment from any possible damage. Such lubricants shall be compatible with those which will subsequently be used in service and shall be identified by appropriate tagging. Electrical equipment and instrumentation shall be packed with a suitable desiccant. Delicate equipment such as instruments, electrical switchboards and panels etc. shall be packed for protection to eliminate the effects of vibration.

Wherever necessary, desiccant packs shall be kept to avoid excessive moisture in the packing.

3. PACKING

3.1 General

The instructions herein shall be considered as general directives and minimal requirements, which are applicable to the packing of all equipment and materials. The Supplier is responsible for the correct and adequate packing of the equipment and materials so that these equipment and materials will arrive at destination undamaged and the packing itself in such a condition that, if not otherwise required, it will be suitable for a minimum of 1 year storage.

3.2 Packaging Materials

All packaging together with packaging and protective materials shall be new, maintain its integrity and perform its intended function while being transported, handled and stored.

The quality of packing shall provide maximum protection against damage, breakage and pilferage during transport, storage and multiple handling, including handling by hoisting, lifting devices and / or forklift trucks. Material used for packaging, packing, wrapping, sealers, moisture resistant barriers and corrosion preservatives shall be of recognized brands and grades and shall conform to the best world standards.

Packaged Products showing any damage, defect or shortage resulting from improper packaging, packaging materials or packing procedure or having concealed damage or being short at the time of unpacking shall be subject to rejection and be replaced at the Supplier's cost

3.3 Packing requirements

3.3.1 Wooden Boxes and Crates

Interior support board shall be of strength to withstand multiple handling. Tops of crates shall be one piece wherever possible to avoid seepage through cracks; otherwise a top coating is required. Waterproof lining shall be used for sides, ends and top of crates, proper venting of cargo boxes containing machinery is required, as well as sufficient use

of desiccants. Crates shall be diagonally braced on all faces and suitable for hooks, slings and forklifts. Heavy items shall be secured with wood braces. Fragile items shall be cushioned. Material packed in large boxes shall be layered between plywood sheets to maintain load integrity during transit. Banding shall be used on all boxes to prevent distortion / deformation of the box.

3.3.2 Pallets

When equipment and/or materials are packed on pallets (wood or synthetic), these should be solid double deck pallets that provide adequate load support during transportation and storage (under not always ideal conditions). The pallets should have a dynamic load capacity, enough to carry the mass loaded on the pallet. Where feasible, the top surface of the pallet must be flat. The pallet design must enable safe handling by forklift, cranes etc. and storage on rough surface. Pallets shall be covered with wrapping. All corners, horizontal and vertical shall be protected with cardboard protection strips. The pallet must be tied on all sides with steel or synthetic straps.

3.4 Packaging

All equipment and materials shall be properly fixed (by bolts, clamps, supporting beams, etc.) in such a way that internal movements and / or loosening is impossible. Under the top cover (roof) depending on the case and crate length, a sufficient number of strong beams shall be placed and properly fixed in order to allow stacking of the cases and crates avoiding any compression. Equipment parts and materials which may be subject to damage by vibration and /or shock must be protected using shock-absorbing material. All equipment and materials which may be damaged by moisture shall be packed in airtight bags in which sufficient desiccant material (e.g. silica gel) is placed. All openings on the equipment must be closed with wooden / metal or plastic covers to prevent damage to the openings and interiors. Fragile and loose parts easily damageable pertaining to the equipment must be securely and properly packed in a separate case.

3.5 Waterproofing

Cases including the cover shall be internally lined with a strong type of waterproof paper or plastic foil. Equipment and materials shall always be packed in a foil (polyethylene or aluminum) for extra (double) protection against rainfall. Those foils shall be applied in such a way that they are self draining.

3.6 Hazardous cargo

The hazardous materials shall be packed in accordance with and in cognizance to the applicable rules, regulations and tariff of all Governmental Authorities and other Governing bodies. Hazardous materials shall always be packed and documented separately from any other material. It shall be the responsibility of the seller of hazardous materials to designate the materials as hazardous and to identify each material by its proper commodity name and its hazardous materials class code. Safety and emergency procedures shall be displayed outside the package. Any certificates required for transportation or for authorities to be supplied before shipment of the goods

4. GUIDELINES FOR PACKING GOODS

In subsequent paragraphs details of different types of packing for different types of goods are defined. Supplier shall make packing details / procedure based on the guidelines and submit for approval.

Chemicals in powder form, catalysts, refractories & like materials etc. shall be packed in drums only.

4.1 Pipe

All pipes 2" included and below shall be packed in crates. All pipes to be capped and ends sealed with waterproof tape. Pipes over 2" up to 6", shall be bundled and banded in bundles of uniform length. Bundling is carried out with U-IRON or traversal planks, joined with threaded connecting rods with locknuts.. Bundle weight shall not exceed 2,000 kg. All pipes are to be capped and ends sealed with waterproof tape (tape is not necessary if end caps are of the pre-shrunk or self-sealing type). Pipes larger than 6" shall be shipped as single lengths with the ends capped. End caps are to be of the recessed type to enable the use of soft faced hooks, but still completely sealing the end and also protecting the weld. All stainless steel / non-ferrous piping must be packed separately in wooden crates. Any banding of bundles is to be with the same material. The bundling and packing of pipe and instrument tubing shall enable the safe discharge of pipe on site using clamps and forklifts. All pipes shall be supported along their lengths to prevent bending / flexing during transport. During loading / unloading slings shall be applied to the center of the load as well as each end to prevent bowing.

Pipe and rigid conduit smaller than DN50 diameter shall be bundled in units not to exceed 1000 kg. Threaded and coupled pipe shall be equipped with plastic thread protectors. All material shall be segregated and shipped by generic material type to prevent cross contamination. Where wire rope or chains are used, adequate padding shall be used at points of contact with pipe. Care must be taken to prevent any chafing of pipes against each other or against the metal structures of the vehicle during transportation. Where necessary, such metal structures must be padded with planks or plastic tubes. Skids and dunnage must be used between the bundles in transit as well as in the storage of coated pipes.

4.2 Pipe Fittings, Flanges, Valves and Gaskets

All pipe fittings, flanges and valves up to 6", are to be packed in cases / crates. For items over 6", these may be fixed securely to a pallet base and enclosed in a crate, for protection. All flange faces / bevel ends shall be suitable protected with plastic caps / end protectors. Where valves have actuators attached, rigidity must be ensured for the valve and actuator. The vulnerable parts of the actuator are to be completely protected within a wooden crate. Empty spaces shall be filled with expanded PU foam to restrict movement in the crate. All stainless steel fittings, flanges and valves of all sizes, must be packed separately in wooden crates. Any strapping is to be with the same material. Gaskets are considered fragile and shall be treated as such. Individual gasket sizes shall be boxed and labeled separately.

All threaded fittings and pipes should be greased and provided with plastic caps.

4.3 Steel Structure and Plates

Structural steel sections and plates shall be strapped in bundles of convenient size and weight for handling. Rolled and shaped plates shall be provided with suitable bracing to eliminate distortion during transit, and shall be bundled in uniform lengths. Each bundle shall be marked with a metal tag, hard stamped, secured under steel wrapping. A 2000 kg limitation shall be imposed for lifts in this category unless exempted.

4.4 Itemized Equipment

Units or parts belonging to main equipment but separately packed shall be clearly marked for easy identification with the main equipment to which they relate.

All flanges, machined working surfaces and threaded parts of all equipment shall be suitably protected. All flanged connections of vessels shall be protected by metal plates correctly casketed by wooden plugs or plastic caps suitably secured in position.

Vessels shall, where possible, be packed on skid constructions and secured with adjustable steel straps. Manholes and other major openings shall be protected with cover flanges or metallic plates firmly secured. Smaller openings shall be closed with plastic plugs / caps.

All vessel internals and items not installed by Supplier at works including accessories such as small parts, bolts, nuts, gaskets, etc. shall be packed in wooden cases separately for each vessel or apparatus and marked with the same item number as the vessel / apparatus in order to protect all parts from loss or damage in transit. Internals, bolts and gaskets for service / testing operations shall be supplied with the vessels / items by Supplier and all internals shall be boxed separately and marked according to marking procedure; each item shall be supplied correctly and identified for field installation by others.

All vessels / heat exchangers or items of such construction shall be dried, thoroughly cleaned inside and be free of all dirt and loose foreign materials. The equipment shall be filled with Nitrogen. Make up arrangement for loss of Nitrogen along with a pressure gauge shall be installed.

All commissioning spare parts shall be packed separately and marked with the relevant main item number.

Pumps, compressors, rotating equipment, turbines and motors will require specific packing and preservation as per the relevant Technical Specification. For skidded equipment openings, flange faces, threaded connections, wires, valve stems, and other component parts that may be subjected to mechanical damage or corrosion shall be adequately protected. This protection shall be applied to all components, both those removed and boxed and those remaining in place on the skid assembly. Each skid shall have one box strapped to it containing a complete set of drawings together with a manual covering installation and operating instructions and other pertinent instructions required for reassembly of components that were disassembled for shipment.

4.5 Control Panels and Electrical Devices

Equipment such as control panels, instruments and electrical devices shall be packed in an interior moisture / vapor-proof barrier with silica gel or comparable desiccant. Desiccants shall be bagged to avoid dispersing in containers. The quantity of desiccant shall be calculated in accordance with the manufacturer's recommendations. Equipment must be secured to the case with bolts, blocks or straps. Adequate precautions (for example, shaft locks to prevent longitudinal / rotational movement of rotor shafts in motors) shall be included in the packaging of all equipment which has plain, ball or roller bearings so as to minimize the risk of bearing damage.

4.6 Instruments

Instruments shall be thoroughly clean, dry and free from rust and individually wrapped using polythene sheets / U foam / Thermocol sheets depending upon the items and then packed in wooden boxes. The left out spaces and top of the boxes should be filled with rubberized coir to get proper cushioning effect. Special attention shall be paid for arresting movements of their operating mechanism during transportation. Silica gel or

other approved desiccant shall be strapped inside but shall not come into contact with the paintwork.

4.7 Cables

All electric cables to be packed in new cable drums made of steel and painted with epoxy resin paint. Cable ends to be carefully protected before packing. Polythene sheet should be wrapped over the cables and sealed properly. Cable drum can be put in wooden crates for ease in handling and transportation.

4.8 Saddles, Supports, Spiders and Lifting Equipment

All items which cannot be transported without independent supports must be supplied with Shipping saddles suitable for land and / or ocean transit. Such transport saddles are to be included within the scope of supply. Supplier is to advise of any requirement for lifting beams or other specialized lifting equipment and will include provision for use of such equipment for loading purposes. The Supplier is responsible for ensuring that all modules and oversize items are adequately braced and where required, plastic wrapped suitable for transport. Modules and oversize items shall be packaged to prevent damage during transport.

4.9 Assortment Of Package / Spare Parts for Erection and Commissioning

Equipment and / or parts of different item numbers shall not be packed together in the same package. Small goods such as accessories, spare parts for erection and commissioning and special tools shall be packed separately in respective inner boxes with tags or labels attached there being clearly indicating their contents. In case such accessories, spare parts and special tools are packed in separate boxes / crates, item no. of main equipment shall be clearly mentioned in Main Shipping Mark for easy identification.

5. MARKING

5.1 General

The purpose of the marking is to identify the packages and detail the weight and dimensions to assure efficient and correct handling during transport and upon arrival at destination.

5.2 Marking Instructions & dispatch details

Packages and crates will be marked with indelible black paint. Marking must be perfectly legible. All packages shall be clearly and properly marked in English language if not otherwise specified.

The shipping marks, which will be shall be stenciled on two sides and one end in clear characters at least 5 centimeters high (where crate size permits, otherwise use optimum size for each package dimension).

The texts shall be printed by means of stamps, stencil-plates or electronically. The use of stickers is not allowed, unless securely covered by plastic. Bundles shall be marked by embossing on two metal tags bearing the shipping marks and placed on each side of the package and securely attaching them to the goods. Paint shall be used on metal surfaces.

Labels or tags to be clearly visible and shall be of a quality to remain visible and attached during transit, handling and storage for a minimum period of 12 Months.

Crates containing fragile articles must be packed with special precaution against risk of breakage and must be stenciled on all sides "FRAGILE - HANDLE WITH CARE". Where crates are not to be overturned, Supplier must show on the crates, clear and readily visible identification, to ensure they are kept in the correct position.

Packages / equipment of 2,000 kg or more must be marked with slinging points on all sides, in addition to the centre of gravity marks.

Number packages consecutively i.e. 1 of 10, 2 of 10, etc. Do not duplicate package numbers. SUPPLIER is responsible for any loss or damage caused by incorrect marking.

All cases/crates shall also be marked with the appropriate international standard graphic symbols for handling.

As a minimum, all cases/crates are to be marked clearly on all four sides with:

"HANDLE WITH CARE" "RIGHT SIDE UP" "KEEP DRY"

In the case of packages with a single gross weight totaling 2,000 kg and / or a height of more than 1m, the centre of gravity shall be clearly marked with the symbol on two adjoining sides. For all items of equipment with an eccentric centre of gravity this symbol shall be marked at the bottom, side and top of the package.

The slinging and lashing points shall be marked with a chain symbol.

When packing in cases / crates, these packages shall also have metal corners at the slinging points.

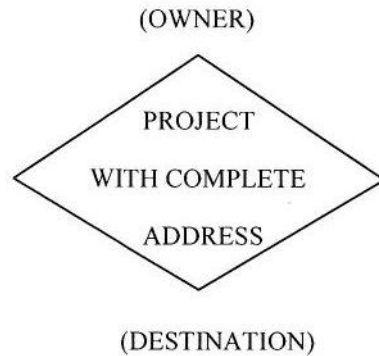
External front and rear sides of the boxes shall be planed for writing instructions. To facilitate identification, the required colour coding as per the specifications shall be carried out on each package and on corners of pipes & plates.

In case of bundles or other packages wherever marking cannot be stenciled, the same shall be embossed on metal or similar tag and wired securely at minimum two convenient points and both ends shall be protected / covered with gunny bags upto 18" (Eighteen Inches). In case of loose pipes, sticker of above markings should be pasted on inner wall corner of each pipe on both sides

Dispatch details such as consignor / consignee address, contract and case details, stacking instructions shall be written on one side of the boxes. One copy of packing slip wrapped in polyethylene bag covered with aluminum packing slip holder to be nailed on the external surface of the box. A packing list and preservation instructions shall be enclosed in a clear weatherproof plastic re-sealable envelope stapled to the box such that the receiver may determine contents without opening the container. An additional packing list is to be enclosed in a clear waterproof plastic re-sealable envelope stapled inside the container. Stapling of the envelopes shall not prevent removal of the documents.

5.3 Shipping Marks

Each package shall be marked on three sides with proper paints / indelible waterproof ink as follows:



PURCHASE ORDER NO. -----

NET WEIGHT ----- KGS. GROSS WEIGHT ----- KGS.

DIMENSIONS ----- X ----- X ----- CMS

PACKAGE NOS. (SL. NO. OF PACKAGE) OF (TOTAL NO. OF PACKAGES)

TAG / ITEM NO. -----

SUPPLIER'S NAME-----

The details of the Owner / Project are defined specifically in the Purchase Order / Contract.

5.4 Storage Code

The type of storage required is required to be specified, it will be shown on each packaging in RED colour

- X Crates or packages to be stored outdoor without covers
- XX Crates or packages to be stored under tarpaulin
- XXX Crates or packages to be stored in covered or enclosed premises
- XXXX Crates or packages which must be stored in air-conditioned premises

6. SHIPMENT

Dispatch of material shall be made in accordance with the relevant terms of Purchase Order. Name of the owner, Project, location and other relevant information shall be as per the relevant annexure(s) to the Purchase Order / Contract.

Any change in mode of transport shall be resorted to only after prior approval in writing. Supplier shall ensure dispatch of equipment / materials immediately after they are

inspected and released. All consignments should be booked in the name of 'owner' and not under 'self' basis.

6.1 Dispatch By Road:

- a) The Materials shall be dispatched on Door-Delivery basis (smalls or FTL) through a registered transporter.

However, in case, the transporter is nominated by EIL / Owner, the goods shall be dispatched through the same only.

- b) The supplier shall ensure with Transport Company the delivery of materials within a reasonable transit period. A complete set of dispatch documents (Delivery Challan / Invoice / Packing List / Test Certificate / L.R. / E-way Bill number etc.) shall be sent to Head (Shipping) at EIL New Delhi and the Resident Construction Manager (RCM) at site.

6.2 Shipment By Air:

Whenever supplier is instructed by EIL/ Owner to airfreight any material, the supplier shall take prompt action for the same. Immediately after air-shipment is effected, the vendor shall intimate by e-mail, the details of Airway Bill number and date, the flight No., Number of packages etc. to Head-Shipping, EIL New Delhi and Resident Construction Manager at EIL (Site).

6.3 Destination:

The consignments should be dispatched to the Consignee / Address as detailed in the Purchase Order.

6.4 Advance Information:

Immediately after a shipment is made supplier shall intimate Underwriter, Head (Shipping) and RCM vide mail regarding particulars of materials, value, Purchase Order No., date of dispatch, L.R. number, E-way Bill No., truck no., name of Transport Company.

6.5 Transmission of Dispatch Documents :

Supplier shall, within 48 hrs. of the dispatch of the materials depending upon the payment terms of the Purchase Order, either negotiate through Owner's / EIL's Bankers or forward directly, by Courier the complete set of dispatch Documents (as detailed in Purchase Order) to Owner / EIL. The supplier shall be responsible for any delay in clearance of the consignment at destination and consequent wharfage / demurrage, if any, due to delay in transmittal of the required documents.

7. TRANSIT RISK INSURANCE

All equipments / materials will be insured for transit risk by (Owners) unless otherwise specified. The insurance cover will be provided from warehouse-to-warehouse.

Tender Inviting Authority: GM (SCM), ENGINEERS INDIA LIMITED, GURUGRAM-122001, HARYANA

Name of Work / Enquiry No.: BULK HAZARDOUS MATERIALS MR-1 (JP/ B862-000-XR-MR-0510/97)

Preamble to Price Schedule (BoQ):

- i) This BOQ sheet "BoQ1" shall be filled by the BIDDER.
- ii) Currency of Quote shall be in INR only.
- iii) Supply Price shall be on FOT Despatch point basis at Column No. "6".
- iv) "SUPPLY PRICE" should be inclusive of all all taxes & duties (except GST) applicable to the bidder but shall exclude Road Transportation charges (which is sought separately). Any other charges indicated as applicable "EXTRA" elsewhere in the bid shall be considered "Included" in the quoted "SUPPLY PRICE". Bidder to note that no other charges except those quoted in the Price Schedule (BoQ) shall be considered for evaluation/ordering.
- v) Bidders shall quote Lumsum Road Transportation charges till Site excluding at Column No. "7"
- vi) Bidders are advised not to tamper with this BoQ format.
- vii) Evaluation & Ordering shall be done on **GROUPWISE** basis. For details of each item, please refer the MR.
- ix) Bidder to submit the details of built in CIF Value as per the format enclosed as " CIF Format" (if applicable/if any)
- x) In case of any discrepancy in the Item Description/Tag No./ Qty/Block No. specified in this Price Schedule vis-à-vis the corresponding details in MR, the Item Description/Tag No./ Qty/Block No. specified as per MR shall prevail.
- xi) Bidder shall quote the percentage break-up of individual line item in the adjacent sheet named "BREAKUP SHEET" along with the Un-Priced Bid, the same shall be considered for the purpose of payment
- xii) Bidder to furnish the Item wise percentage break-up for Group A25 to A29 in line with "MR ITEM WISE PERCENTAGE BREAKUP SHEET " of SOR.

Name of the Bidder/ Bidding Firm / Company :	
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PRICE SCHEDULE

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Sl. No.	ITEM DESCRIPTION Design, engineering, manufacture, procurement of materials and bought out components, assembly at shop, inspection, testing at manufacturer's works, packing, delivery of the following as per MR	QTY.	UNIT	Quoted Currency (in INR only)	LUMSUM SUPPLY PRICE ON FOT DESPATCH POINT BASIS EXCL. GST as per MR SL. NO. 01.00 (in INR) (To be filled by bidder)	LUMSUM ROAD TRANSPORTATION CHARGES TILL SITE EXCL. GST for MR SL. NO. 03.00 (in INR) (To be filled by bidder)	TOTAL SUPPLY PRICE ON FOT SITE POINT BASIS EXCL. GST (Column 06+ Column 07) (in INR)
1	2	3	4	5	6	7	8
1.00	GROUP A1 ITEM SR NO : 1.001 as per MR	1	LOT	INR			0.00
2.00	GROUP A2 ITEM SR NO : 1.002 as per MR	1	LOT	INR			0.00
3.00	GROUP A3 ITEM SR NO : 1.003 as per MR	1	LOT	INR			0.00
4.00	GROUP A4 ITEM SR NO : 1.004 as per MR	1	LOT	INR			0.00
5.00	GROUP A5 ITEM SR NO : 1.005 as per MR	1	LOT	INR			0.00
6.00	GROUP A6 ITEM SR NO : 1.006 as per MR	1	LOT	INR			0.00
7.00	GROUP A7 ITEM SR NO : 1.007 as per MR	1	LOT	INR			0.00
8.00	GROUP A8 ITEM SR NO : 1.008 as per MR	1	LOT	INR			0.00
9.00	GROUP A9 ITEM SR NO : 1.009 as per MR	1	LOT	INR			0.00
10.00	GROUP A10 ITEM SR NO : 1.010 as per MR	1	LOT	INR			0.00
11.00	GROUP A11 ITEM SR NO : 1.011 as per MR	1	LOT	INR			0.00
12.00	GROUP A12 ITEM SR NO : 1.012 as per MR	1	LOT	INR			0.00
13.00	GROUP A13 ITEM SR NO : 1.013 as per MR	1	LOT	INR			0.00
14.00	GROUP A14 ITEM SR NO : 1.014 as per MR	1	LOT	INR			0.00
15.00	GROUP A15 ITEM SR NO : 1.015 as per MR	1	LOT	INR			0.00
16.00	GROUP A16 ITEM SR NO : 1.016 as per MR	1	LOT	INR			0.00
17.00	GROUP A17 ITEM SR NO : 1.017 as per MR	1	LOT	INR			0.00
18.00	GROUP A18 ITEM SR NO : 1.018 as per MR	1	LOT	INR			0.00

Tender Inviting Authority: GM (SCM), ENGINEERS INDIA LIMITED, GURUGRAM-122001, HARYANA

Name of Work / Enquiry No.: BULK HAZARDOUS MATERIALS MR-1 (JP/ B862-000-XR-MR-0510/97)

Preamble to Price Schedule (BoQ):

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- ix) Bidder to submit the details of built in CIF Value as per the format enclosed as " CIF Format" (if applicable/if any)
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Name of the Bidder/ Bidding Firm / Company :	
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PRICE SCHEDULE

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1	2	3	4	5	6	7	8
19.00	GROUP A19 ITEM SR NO : 1.019 as per MR	1	LOT	INR			0.00
20.00	GROUP A20 ITEM SR NO : 1.020 as per MR	1	LOT	INR			0.00
21.00	GROUP A21 ITEM SR NO : 1.021 as per MR	1	LOT	INR			0.00
22.00	GROUP A22 ITEM SR NO : 1.022 as per MR	1	LOT	INR			0.00
23.00	GROUP A23 ITEM SR NO : 1.023 as per MR	1	LOT	INR			0.00
24.00	GROUP A24 ITEM SR NO : 1.024 as per MR	1	LOT	INR			0.00
25.00	GROUP A25 ITEM SR NO : 1.025 & 1.026 as per MR	1	LOT	INR			0.00
26.00	GROUP A26 ITEM SR NO : 1.027 & 1.028 as per MR	1	LOT	INR			0.00
27.00	GROUP A27 ITEM SR NO : 1.029 & 1.030 as per MR	1	LOT	INR			0.00
28.00	GROUP A28 ITEM SR NO : 1.031 & 1.032 as per MR	1	LOT	INR			0.00
29.00	GROUP A29 ITEM SR NO : 1.033 & 1.034 as per MR	1	LOT	INR			0.00
30.00	GROUP A30 ITEM SR NO : 1.035 as per MR	1	LOT	INR			0.00
31.00	GROUP A31 ITEM SR NO : 1.036 as per MR	1	LOT	INR			0.00
32.00	GROUP A32 ITEM SR NO : 1.037 as per MR	1	LOT	INR			0.00
33.00	GROUP A33 ITEM SR NO : 1.038 as per MR	1	LOT	INR			0.00
34.00	GROUP A34 ITEM SR NO : 1.039 as per MR	1	LOT	INR			0.00
35.00	GROUP A35 ITEM SR NO : 1.040 as per MR	1	LOT	INR			0.00
36.00	GROUP A36 ITEM SR NO : 1.041 as per MR	1	LOT	INR			0.00

Tender Inviting Authority: GM (SCM), ENGINEERS INDIA LIMITED, GURUGRAM-122001, HARYANA

Name of Work / Enquiry No.: BULK HAZARDOUS MATERIALS MR-1 (JP/ B862-000-XR-MR-0510/97)

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- ix) Bidder to submit the details of built in CIF Value as per the format enclosed as " CIF Format" (if applicable/if any)
- x) In case of any discrepancy in the Item Description/Tag No./ Qty/Block No. specified in this Price Schedule vis-à-vis the corresponding details in MR, the Item Description/Tag No./ Qty/Block No. specified as per MR shall prevail.
- xi) Bidder shall quote the percentage break-up of individual line item in the adjacent sheet named "BREAKUP SHEET" along with the Un-Priced Bid, the same shall be considered for the purpose of payment
- xii) Bidder to furnish the Item wise percentage break-up for Group A25 to A29 in line with "MR ITEM WISE PERCENTAGE BREAKUP SHEET " of SOR.

Name of the Bidder/ Bidding Firm / Company :	
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PRICE SCHEDULE

(This BOQ template must not be modified/replaced by the bidder and the same should be uploaded after filling the relevant columns, else the bidder is liable to be rejected for this tender. Bidders are allowed to enter the Bidder Name and Values only)

Sl. No.	ITEM DESCRIPTION Design, engineering, manufacture, procurement of materials and bought out components, assembly at shop, inspection, testing at manufacturer's works, packing, delivery of the following as per MR	QTY.	UNIT	Quoted Currency (in INR only)	LUMSUM SUPPLY PRICE ON FOT DESPATCH POINT BASIS EXCL. GST as per MR SL. NO. 01.00 (in INR) (To be filled by bidder)	LUMSUM ROAD TRANSPORTATION CHARGES TILL SITE EXCL. GST for MR SL. NO. 03.00 (in INR) (To be filled by bidder)	TOTAL SUPPLY PRICE ON FOT SITE POINT BASIS EXCL. GST (Column 06+ Column 07) (in INR)
1	2	3	4	5	6	7	8
37.00	GROUP A37 ITEM SR NO : 1.042 as per MR	1	LOT	INR			0.00
38.00	GROUP A38 ITEM SR NO : 1.043 as per MR	1	LOT	INR			0.00
39.00	GROUP A39 ITEM SR NO : 1.044 as per MR	1	LOT	INR			0.00
40.00	GROUP A40 ITEM SR NO : 1.045 as per MR	1	LOT	INR			0.00
41.00	GROUP A41 ITEM SR NO : 1.046 as per MR	1	LOT	INR			0.00
42.00	GROUP A42 ITEM SR NO : 1.047 as per MR	1	LOT	INR			0.00
43.00	GROUP A43 ITEM SR NO : 1.048 as per MR	1	LOT	INR			0.00
44.00	GROUP A44 ITEM SR NO : 1.049 as per MR	1	LOT	INR			0.00
45.00	GROUP A45 ITEM SR NO : 1.050 as per MR	1	LOT	INR			0.00
46.00	GROUP A46 ITEM SR NO : 1.051 as per MR	1	LOT	INR			0.00
47.00	GROUP A47 ITEM SR NO : 1.052 as per MR	1	LOT	INR			0.00
48.00	GROUP A48 ITEM SR NO : 1.053 as per MR	1	LOT	INR			0.00
49.00	GROUP A49 ITEM SR NO : 1.054 as per MR	1	LOT	INR			0.00
50.00	GROUP A50 ITEM SR NO : 1.055 as per MR	1	LOT	INR			0.00
51.00	GROUP A51 ITEM SR NO : 1.056 as per MR	1	LOT	INR			0.00
52.00	GROUP A52 ITEM SR NO : 1.057 as per MR	1	LOT	INR			0.00
53.00	GROUP A53 ITEM SR NO : 1.058 as per MR	1	LOT	INR			0.00

Item Wise BoQ

Tender Inviting Authority: GM (SCM), ENGINEERS INDIA LIMITED, GURUGRAM-122001, HARYANA

Name of Work / Enquiry No.: BULK HAZARDOUS MATERIALS MR-1 (JP/ B862-000-XR-MR-0510/97)

Preamble to Price Schedule (BoQ):

- i) This BOQ sheet "BoQ1" shall be filled by the BIDDER.
- ii) Currency of Quote shall be in INR only.
- iii) Supply Price shall be on FOT Despatch point basis at Column No. "6".
- iv) "SUPPLY PRICE" should be inclusive of all all taxes & duties (except GST) applicable to the bidder but shall exclude Road Transportation charges (which is sought separately). Any other charges indicated as applicable "EXTRA" elsewhere in the bid shall be considered "Included" in the quoted "SUPPLY PRICE".Bidder to note that no other charges except those quoted in the Price Schedule (BoQ) shall be considered for evaluation/ordering.
- v) Bidders shall quote Lumsum Road Transportation charges till Site excluding at Column No. "7"
- vi) Bidders are advised not to tamper with this BoQ format.
- vii) Evaluation & Ordering shall be done on **GROUPWISE** basis. For details of each item, please refer the MR.
- ix) Bidder to submit the details of built in CIF Value as per the format enclosed as " CIF Format" (if applicable/if any)
- x) In case of any discrepancy in the Item Description/Tag No./ Qty/Block No. specified in this Price Schedule vis-à-vis the corresponding details in MR, the Item Description/Tag No./ Qty/Block No. specified as per MR shall prevail.
- xi) Bidder shall quote the percentage break-up of individual line item in the adjacent sheet named "BREAKUP SHEET" along with the Un-Priced Bid, the same shall be considered for the purpose of payment
- xii) Bidder to furnish the Item wise percentage break-up for Group A25 to A29 in line with "MR ITEM WISE PERCENTAGE BREAKUP SHEET " of SOR.

Name of the Bidder/ Bidding Firm / Company :	
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PRICE SCHEDULE

(This BOQ template must not be modified/replaced by the bidder and the same should be uploaded after filling the relevant columns, else the bidder is liable to be rejected for this tender. Bidders are allowed to enter the Bidder Name and Values only)

Sl. No.	ITEM DESCRIPTION Design, engineering, manufacture, procurement of materials and bought out components, assembly at shop, inspection, testing at manufacturer's works, packing, delivery of the following as per MR	QTY.	UNIT	Quoted Currency (in INR only)	LUMSUM SUPPLY PRICE ON FOT DESPATCH POINT BASIS EXCL. GST as per MR SL. NO. 01.00 (in INR) (To be filled by bidder)	LUMSUM ROAD TRANSPORTATION CHARGES TILL SITE EXCL. GST for MR SL. NO. 03.00 (in INR) (To be filled by bidder)	TOTAL SUPPLY PRICE ON FOT SITE POINT BASIS EXCL. GST (Column 06+ Column 07) (in INR)
1	2	3	4	5	6	7	8
54.00	GROUP A54 ITEM SR NO : 1.059 as per MR	1	LOT	INR			0.00

Name of Work / Enquiry No.: BULK HAZARDOUS MATERIALS MR-1 (JP/ B862-000-XR-MR-0510/97)						
MR ITEM WISE PERCENTAGE BREAKUP SHEET						
Name of the Bidder/ Bidding Firm / Company :						
ITEM_SL_NO	GROUP_CODE	ITEM_CODE	ITEM_DESC	ITEM_QTY	UOM	Percentage Break-up of Total Lumpsum Supply Price for the purpose of Supply & Transportation as per MR
1.025	A25	SOCKET3 IIA/IIB	Ex-d, IIA/IIB, T3, 1-Phase Socket, 240V, 15A, 3-Pin	60	Nos	
1.026	A25	PLUG3 IIA/IIB	Ex-d, IIA/IIB, T3, 1-Phase Plug, 240V, 15A, 3-Pin	60	Nos	
Total Percentage for Group A25 (Should Be equal to 100%)						0
1.027	A26	SOCKET3 IIC	Ex-d, IIC, T3, 1-Phase Socket, 240V, 15A, 3-Pin	50	Nos	
1.028	A26	PLUG3 IIC	Ex-d, IIC, T3, 1-Phase Plug, 240V, 15A, 3-Pin	50	Nos	
Total Percentage for Group A26 (Should Be equal to 100%)						0
1.029	A27	SOCKET5 IIA/IIB	Ex-d, IIA/IIB, T3, 3-Phase Socket, 415V, 63A, 5-Pin	45	Nos	
1.03	A27	PLUG5 IIA/IIB	Ex-d, IIA/IIB, T3, 3-Phase Plug, 415V, 63A, 5-Pin	45	Nos	
Total Percentage for Group A27 (Should Be equal to 100%)						0
1.031	A28	SOCKET5 IIC	Ex-d, IIC, T3, 3-Phase Socket, 415V, 63A, 5-Pin	30	Nos	
1.032	A28	PLUG5 IIC	Ex-d, IIC, T3, 3-Phase Plug, 415V, 63A, 5-Pin	30	Nos	
Total Percentage for Group A28 (Should Be equal to 100%)						0
1.033	A29	HANDLAMP-IIC Ex-	Ex-d, IIC, T3, 2200 Lumens, 100LM/Watt, 24V LED Hand Lamp with cable & plug	20	Nos	
1.034	A29	TRANFO UNIT IIC	Ex-d, IIC, T3, fixed type 240V/24V, 30VA sealed transformer Unit with 24V AC 3-pin socket	20	Nos	
Total Percentage for Group A29 (Should Be equal to 100%)						0

DETAILS OF BUILT-IN-CIF VALUE OF IMPORT CONTENT (RAW MATERIALS)								
Name of Work / Enquiry No.: BULK HAZARDOUS MATERIALS MR-1 (JP/ B862-000-XR-MR-0510/97)								FORMAT CIF/CD
NAME OF BIDDER:								
OFFER NO.								
ITEMWISE BREAK-UP OF BUILT-IN-CIF VALUE OF IMPORT CONTENT, ITEM DETAILS OF IMPORT CONTENT AND RATES OF IMPORTS DUTY CONSIDERED AND INCLUDED IN QUOTED FOT DESPATCH POINT PRICES UNDER PRICE SCHEDULE BOQ1								
NAME OF BIDDER:								
	DESCRIPTION			Total MR item wise CIF value of Import Content included in quoted supply prices of MR item (In Rs)		DETAILS OF CUSTOMER DUTY INCLUDED IN QUOTED SUPPLY PRICES OF MR ITEM		
S no.	For Item S. No. as per MR	Description of Imported items	Qty.	In Figures	In Words	CUSTOM TARIFF No.	BASIC CUSTOMS DUTY (%)	SOCIAL WELFARE SURCHARGE ON CUSTOM DUTY (%)
1								
2								
3								
4								
5								
6								
7								
8								
Note:								
1	Bidder has to ensure that currency quoted in this format shall be INR only.							
2	Un-priced copy shall be furnished exactly duplicate of price schedule duly indicating rate of duties except for CIF value.							
3	The CIF Value(s) indicated by the vendor shall be deemed to be the maximum value(s) for the purpose of payment of variation in Basic Custom Duty and Customs Social Welfare Surcharge.							
4	Bidder to consider input tax credit of IGST available at their end (in case of import of raw materials / component) in their prices; hence bidder shall not indicate GST in above table.							

Name of Work / Enquiry No.: BULK HAZARDOUS MATERIALS MR-1 (JP/ B862-000-XR-MR-0510/97)

NOTES:

1. Vendor shall furnish an itemised list of recommended spare parts with unit prices for two years normal and continuous operation as per MR, required over and above the mandatory spares.
2. Price for spares for 2 year Normal Operation and Maintenance shall not be considered for evaluation and Purchaser / Owner reserves the right to select and order these spares separately. These prices shall be valid for two years from the final bid due date.
3. In case bidder has quoted for any item but not indicated freight for that particular item, in such case freight for that particular item shall be considered included.
4. Bidder shall populate this sheet as per Material Requisition and replicate the same list without prices in the Unpriced Bid under Bid_Documents.xls. Bidder may add additional rows as necessary.

**Bidder
Name :**

PRICE SCHEDULE (FOR TWO YEARS OPERATION AND MAINTENANCE SPARES)

(This BOQ template must not be modified/replaced by the bidder and the same should be uploaded after filling the relevent columns, else the bidder is liable to be rejected for this tender. Bidders are allowed to enter the Bidder Name and Values only)

Sl. No.	Item Description	UOM	Quantity	Unit Price on FOT Despatch Point Basis (in INR)	Road Transportation Charges (in % of Unit Price)
1	Toughened Glass			0.00	
2	Wire mesh			0.00	
3	Lamps of each type			0.00	
4	Lamp holder of each type			0.00	
5	Clamps of each type			0.00	
6	Flameproof plugs and socket			0.00	
7	Push button element of each type			0.00	
8	Clustered LED type indicating lamp of each type			0.00	
10	Selector switch			0.00	
11	Ammeter			0.00	
12	Driver for LED lamps.			0.00	
13				0.00	

Material Requisition (Top Sheet)

Item Description :	LIGHTING FIXTURE & ACCESSORIES-HAZARDOUS,JUNCTION BOXES (FLAME PROOF),LIGHTING & POWER PANELS (FLP),PLUGS/SOCKETS/HANDLAMPS (FLAME PROOF),CONTROL STATIONS-FLAME PROOF		
Item Code :	13GB, 13LA, 13MA, 13MB, 13MC	Destination :	As per Commercial Documents
Item Category :	I	Delivery Period :	As per Commercial Documents

Requisition Number (Always quote this Number given below as reference)

B862	000	XR	MR	510	A	30/04/2026	16	50
Job No.	Unit/ Area	Main Cost Centre	Doc. Code	Sr. No.	Rev.	Date	Divn.	Dept.
							Originator	

Notes :

1. This sheet is a record of all the Revisions of this Requisition.
2. Vendor shall note the item category and shall submit his offer in line with the requirements included in attached 'Instructions to Vendors'.
3. The nature of the Revision is briefly stated in the 'Details' column below, the Requisition in its entirety shall be considered for contractual purposes.

Rev.	Date	Prepared By	Checked By	Approved By	Details
A	30/04/2026	Mohd Saqib	Parmod Kumar	Shirali Aggarwal	ISSUED FOR BIDS

This is a system generated approved document and does not require signature.

Sr. No.	Tag No./Item Code/ [ID.No.]	Description	Quantity	Delivery Location
01.00		Design, engineering, manufacture, procurement of materials and bought out components, assembly at shop, inspection, testing at manufacturer's works, packing, delivery of the following lighting fixtures & accessories, plug & sockets, hand lamp & transformer unit, junction boxes, lighting & power panels, MOV distribution boards, local control station for motors, hydrojetting distribution boards, selector switches, lamps including special tools and tackles & documentation as per the enclosed EIL standard specifications, instructions to vendors, data sheets, wiring diagram etc. and other codes and standards attached or referred.		
▶ 01.001	A1	EX-LED-1-IIA/IIB	Ex-nR,IIA/IIB,T3, Well Glass*,6000-6500 Lumens,100LM/Watt,LTG fixture & accessories with LED lamp	1420 Nos
▶ 01.002	A2	EX-LED-1 IIC	Ex-nR,IIC,T3,Well Glass*,6000-6500 Lumens,100LM/Watt,LTG fixture & access. with LED lamp	240 Nos
▶ 01.003	A3	EX-LED-1B-IIA/IIB	Ex-nR,IIA/IIB,T3,well glass*,4000-4500 lumens,100LM/Watt,LTG fixture & access. with LED lamp	1100 Nos
▶ 01.004	A4	EX-LED-1B IIC	Ex-nR,IIC,T3,well glass*,4000-4500 Lumens,100LM/W,LTG fixture & accessories with LED lamp	230 Nos
▶ 01.005	A5	FLP-LED-1-IIA/IIB	Ex-d,IIA/IIB,T3,well glass*,6000-6500 lumens,100LM/W, LTG fixture & accessories with LED lamp	300 Nos
▶ 01.006	A6	FLP-LED-1 IIC	Ex-d,IIC ,T3,well glass*,6000-6500 lumens,100LM/W, LTG fixture & accessories with LED lamp	80 Nos
▶ 01.007	A7	FLP-LED-1B-IIA/IIB	Ex-d,IIA/IIB,T3,well glass*,4000-4500 lumens,100LM/W, LTG fixture & accessories with LED lamp	260 Nos
▶ 01.008	A8	FLP-LED1B IIC	Ex-d,IIC,T3, well glass*,4000-4500 lumens,100LM/Watt,LTG fixture & accessories with LED lamp	50 Nos
▶ 01.009	A9	EX-LED-2 IIA/IIB	Ex-nR,IIA/IIB,T3, Well Glass*,10000-10500 Lumens,100LM/Watt,LTG fixture & accessories with LED lamp	200 Nos

Sr. No.	Tag No./Item Code/ [ID.No.]	Description	Quantity	Delivery Location
▶ 01.010	A10	FLP-LED-2 IIA IIB	20 Nos	
▶ 01.011	A11	EX-LED-5 IIA IIB	45 Nos	
▶ 01.012	A12	EX-LED-5 IIC	5 Nos	
▶ 01.013	A13	FLP-LED-6 IIA/IIB	50 Nos	
▶ 01.014	A14	FLP-LED-6 IIC	5 Nos	
▶ 01.015	A15	FLP-LED-7-IIA/IIB	100 Nos	
▶ 01.016	A16	FLP-LED-7-IIC	215 Nos	
▶ 01.017	A17	FLP-12 IIA/IIB	25 Nos	
▶ 01.018	A18	FLP-12 IIC	4 Nos	
▶ 01.019	A19	EX-LED-1 IIA /B -22	200 Nos	
▶ 01.020	A20	EX-LED-1B IIA/B-22	450 Nos	
▶ 01.021	A21	FLP-LED-1 IIA/B-22	70 Nos	
▶ 01.022	A22	FLP-LED-1B-IIA/B-22	150 Nos	
▶ 01.023	A23	FLP-LED-2 IIA/B-22	10 Nos	

Sr. No.		Tag No./Item Code/ [ID.No.]	Description	Quantity	Delivery Location
▶ 01.024	A24	FLP-LED-6 IIA/B-22	SAME AS ITEM NO. 01.013 AND SUITABLE FOR ZONE-22, DUST GRP IIIB, CLASS T4 (DUST PROOF)	10 Nos	
▶ 01.025	A25	SOCKET3 IIA/IIB	Ex-d, IIA/IIB, T3, 1-Phase Socket, 240V, 15A, 3-Pin	60 Nos	
▶ 01.026	A25	PLUG3 IIA/IIB	Ex-d, IIA/IIB, T3, 1-Phase Plug, 240V, 15A, 3-Pin	60 Nos	
▶ 01.027	A26	SOCKET3 IIC	Ex-d, IIC, T3, 1-Phase Socket, 240V, 15A, 3-Pin	50 Nos	
▶ 01.028	A26	PLUG3 IIC	Ex-d, IIC, T3, 1-Phase Plug, 240V, 15A, 3-Pin	50 Nos	
▶ 01.029	A27	SOCKET5 IIA/IIB	Ex-d, IIA/IIB, T3, 3-Phase Socket, 415V, 63A, 5-Pin	45 Nos	
▶ 01.030	A27	PLUG5 IIA/IIB	Ex-d, IIA/IIB, T3, 3-Phase Plug, 415V, 63A, 5-Pin	45 Nos	
▶ 01.031	A28	SOCKET5 IIC	Ex-d, IIC, T3, 3-Phase Socket, 415V, 63A, 5-Pin	30 Nos	
▶ 01.032	A28	PLUG5 IIC	Ex-d, IIC, T3, 3-Phase Plug, 415V, 63A, 5-Pin	30 Nos	
▶ 01.033	A29	HANDLAMP-IIC	Ex-d, IIC, T3, 2200 Lumens, 100LM/Watt, 24V LED Hand Lamp with cable & plug	20 Nos	
▶ 01.034	A29	TRANFO UNIT IIC	Ex-d, IIC, T3, fixed type 240V/24V, 30VA sealed transformer Unit with 24V AC 3-pin socket	20 Nos	
▶ 01.035	A30	JB IIA / IIB 4WAY	Ex-d, IIA / IIB, T3, 4-way Junction Box suitable for termination of 3Cx2.5 sq.mm. cable	1100 Nos	
▶ 01.036	A31	JB IIC-4WAY	Ex-d, IIC, T3, 4-way Junction Box suitable for termination of 3Cx2.5 sq.mm. cable	240 Nos	
▶ 01.037	A32	LP-6WAY-IIA IIB	Ex-d,IIA/IIB,T3 with 1 no. TPN 40A, 4 Pole I/C with MCB & 6 no. SPN O/G with double pole MCB & ELCB	2 Nos	
▶ 01.038	A33	LP-12WAY-IIA IIB	Ex-d,IIA/IIB,T3 with 1 no. TPN 40A, 4 Pole I/C with MCB & 12 no. SPN O/G with double pole MCB & ELCB	18 Nos	
▶ 01.039	A34	LP-12WAY-IIC	Ex-d,IIC, T3 with 1 no. TPN 40A, 4-Pole I/C with MCB & 12 no. SPN O/G with double pole MCB & ELCB	8 Nos	

Sr. No.	Tag No./Item Code/ [ID.No.]	Description	Quantity	Delivery Location
▶ 01.040	A35	LP-18WAY-IIA IIB	19 Nos	
▶ 01.041	A36	LP-18WAY IIC	1 Nos	
▶ 01.042	A37	PP-06WAY-IIA IIB	2 Nos	
▶ 01.043	A38	PP-06WAY-IIC	1 Nos	
▶ 01.044	A39	PP-12WAY-IIA IIB	12 Nos	
▶ 01.045	A40	PP-12WAY-IIC	4 Nos	
▶ 01.046	A41	FLP-DCJB (IIA/IIB)	4 Nos	
▶ 01.047	A42	PB TYPE-D1 IIA/IIB	20 Nos	
▶ 01.048	A43	PB TYPE-E1 IIA/IIB	70 Nos	
▶ 01.049	A44	PB TYPE-E1 IIC	5 Nos	
▶ 01.050	A45	FLP HYDROJECT PNL	6 Nos	
▶ 01.051	A46	MOV PANL-12-IIA/IIB	3 Nos	
▶ 01.052	A47	FLP-EMG PB	8 Nos	
▶ 01.053	A48	FLP-PB-01	75 Nos	

Sr. No.	Tag No./Item Code/ [ID.No.]	Description	Quantity	Delivery Location
▶ 01.054	A49	FLP-PB-02	87 Nos	
▶ 01.055	A50	FLP-LS-01	20 Nos	
▶ 01.056	A51	FLP-SS3A	5 Nos	
▶ 01.057	A52	FLP-SS2A	5 Nos	
▶ 01.058	A53	FLP-PB-03	66 Nos	
▶ 01.059	A54	FLP-KLS-01	5 Nos	
02.00		Deleted		
03.00		Transportation from Vendors work/ shop to site for the following as per the enclosed EIL standard specifications, instructions to vendors, job specification, data sheets etc		
▶ 03.001	A1	{03}EX-LED-1-IIA/IIB	1420 No	
▶ 03.002	A2	{03}EX-LED-1 IIC	240 No	
▶ 03.003	A3	{03}EX-LED-1B-IIA/IIB	1100 No	
▶ 03.004	A4	{03}EX-LED-1B IIC	230 No	
▶ 03.005	A5	{03}FLP-LED-1-IIA/IIB	300 No	
▶ 03.006	A6	{03}FLP-LED-1 IIC	80 No	
▶ 03.007	A7	{03}FLP-LED-1B-IIA/IIB	260 No	
▶ 03.008	A8	{03}FLP-LED1B IIC	50 No	
▶ 03.009	A9	{03}EX-LED-2 IIA/IIB	200 No	
▶ 03.010	A10	{03}FLP-LED-2 IIA IIB	20 No	
▶ 03.011	A11	{03}EX-LED-5 IIA IIB	45 No	
▶ 03.012	A12	{03}EX-LED-5 IIC	5 No	
▶ 03.013	A13	{03}FLP-LED-6 IIA/IIB	50 No	
▶ 03.014	A14	{03}FLP-LED-6 IIC	5 No	

Sr. No.	Tag No./Item Code/ [ID.No.]	Description	Quantity	Delivery Location
▶ 03.015	A15	{03}FLP-LED-7-IIA/IIB	For Item Sl. No. 01.015	100 No
▶ 03.016	A16	{03}FLP-LED-7-IIC	For Item Sl. No. 01.016	215 No
▶ 03.017	A17	{03}FLP-12 IIA/IIB	For Item Sl. No. 01.017	25 No
▶ 03.018	A18	{03}FLP-12 IIC	For Item Sl. No. 01.018	4 No
▶ 03.019	A19	{03}EX-LED-1 IIA /B -22	For Item Sl. No. 01.019	200 No
▶ 03.020	A20	{03}EX-LED-1B IIA/B-22	For Item Sl. No. 01.020	450 No
▶ 03.021	A21	{03}FLP-LED-1 IIA/B-22	For Item Sl. No. 01.021	70 No
▶ 03.022	A22	{03}FLP-LED-1B-IIA/B-2 2	For Item Sl. No. 01.022	150 No
▶ 03.023	A23	{03}FLP-LED-2 IIA/B-22	For Item Sl. No. 01.023	10 No
▶ 03.024	A24	{03}FLP-LED-6 IIA/B-22	For Item Sl. No. 01.024	10 No
▶ 03.025	A25	{03}SOCKET3 IIA/IIB	For Item Sl. No. 01.025	60 No
▶ 03.026	A25	{03}PLUG3 IIA/IIB	For Item Sl. No. 01.026	60 No
▶ 03.027	A26	{03}SOCKET3 IIC	For Item Sl. No. 01.027	50 No
▶ 03.028	A26	{03}PLUG3 IIC	For Item Sl. No. 01.028	50 No
▶ 03.029	A27	{03}SOCKET5 IIA/IIB	For Item Sl. No. 01.029	45 No
▶ 03.030	A27	{03}PLUG5 IIA/IIB	For Item Sl. No. 01.030	45 No
▶ 03.031	A28	{03}SOCKET5 IIC	For Item Sl. No. 01.031	30 No
▶ 03.032	A28	{03}PLUG5 IIC	For Item Sl. No. 01.032	30 No
▶ 03.033	A29	{03}HANDLAMP-IIC	For Item Sl. No. 01.033	20 No
▶ 03.034	A29	{03}TRANFO UNIT IIC	For Item Sl. No. 01.034	20 No
▶ 03.035	A30	{03}JB IIA / IIB 4WAY	For Item Sl. No. 01.035	1100 No
▶ 03.036	A31	{03}JB IIC-4WAY	For Item Sl. No. 01.036	240 No
▶ 03.037	A32	{03}LP-6WAY-IIA IIB	For Item Sl. No. 01.037	2 No
▶ 03.038	A33	{03}LP-12WAY-IIA IIB	For Item Sl. No. 01.038	18 No
▶ 03.039	A34	{03}LP-12WAY-IIC	For Item Sl. No. 01.039	8 No
▶ 03.040	A35	{03}LP-18WAY-IIA IIB	For Item Sl. No. 01.040	19 No
▶ 03.041	A36	{03}LP-18WAY IIC	For Item Sl. No. 01.041	1 No
▶ 03.042	A37	{03}PP-06WAY-IIA IIB	For Item Sl. No. 01.042	2 No
▶ 03.043	A38	{03}PP-06WAY-IIC	For Item Sl. No. 01.043	1 No

Sr. No.	Tag No./Item Code/ [ID.No.]	Description	Quantity	Delivery Location
▶ 03.044	A39	{03}PP-12WAY-IIA IIB	For Item Sl. No. 01.044	12 No
▶ 03.045	A40	{03}PP-12WAY-IIC	For Item Sl. No. 01.045	4 No
▶ 03.046	A41	{03}FLP-DCJB (IIA/IIB)	For Item Sl. No. 01.046	4 No
▶ 03.047	A42	{03}PB TYPE-D1 IIA/IIB	For Item Sl. No. 01.047	20 No
▶ 03.048	A43	{03}PB TYPE-E1 IIA/IIB	For Item Sl. No. 01.048	70 No
▶ 03.049	A44	{03}PB TYPE-E1 IIC	For Item Sl. No. 01.049	5 No
▶ 03.050	A45	{03}FLP HYDROJECT PNL	For Item Sl. No. 01.050	6 No
▶ 03.051	A46	{03}MOV PANL-12-IIA/IIB	For Item Sl. No. 01.051	3 No
▶ 03.052	A47	{03}FLP-EMG PB	For Item Sl. No. 01.052	8 No
▶ 03.053	A48	{03}FLP-PB-01	For Item Sl. No. 01.053	75 No
▶ 03.054	A49	{03}FLP-PB-02	For Item Sl. No. 01.054	87 No
▶ 03.055	A50	{03}FLP-LS-01	For Item Sl. No. 01.055	20 No
▶ 03.056	A51	{03}FLP-SS3A	For Item Sl. No. 01.056	5 No
▶ 03.057	A52	{03}FLP-SS2A	For Item Sl. No. 01.057	5 No
▶ 03.058	A53	{03}FLP-PB-03	For Item Sl. No. 01.058	66 No
▶ 03.059	A54	{03}FLP-KLS-01	For Item Sl. No. 01.059	5 No
04.00		Deleted		
05.00		Supply of Two Years Operation and Maintenance Spares, as per enclosed instructions to vendor		
05.001		Supply of two years operation and maintenance spares, as per enclosed instructions to vendor	1 UNIT	
06.00		Deleted		
07.00		Deleted		
08.00		Deleted		
09.00		Drawings and documents as per attached Vendor Data requirement for all supplies and services covered above in Sr.Nos.1.00 to Sr.No.8.00	Lot	
10.00		Deleted		
11.00		Deleted		
12.00		Deleted		

Sr. No.	Tag No./Item Code/ [ID.No.]	Description	Quantity	Delivery Location
13.00		Deleted		
14.00		Deleted		
15.00		Deleted		
16.00		Deleted		
17.00		Deleted		
18.00		Deleted		
19.00		Deleted		
20.00		Deleted		
21.00		Deleted		
22.00		Deleted		
23.00		Deleted		
24.00		Deleted		
25.00		Deleted		
27.00		Deleted		
31.00		Deleted		
32.00		Deleted		

- Bidder shall quote prices in EIL Price Schedule except for Sr.No.09.00. Price for documentation is implied to be included in the prices quoted against Sr.No. 01.00 to Sr.No. 32.00

Vendor to note that the numbers given in square '[' and curly '{}' brackets are not for their use and meant for store purpose only. Items shall be tagged as per main equipment Tag No. only.

Note:

Bidder to note that one fixed price is to be quoted for grouped items. The groups of items are identified by A1, A10, A11, A12, A13, A14, A15, A16, A17, A18, A19, A2, A20, A21, A22, A23, A24, A25, A26, A27, A28, A29, A3, A30, A31, A32, A33, A34, A35, A36, A37, A38, A39, A4, A40, A41, A42, A43, A44, A45, A46, A47, A48, A49, A5, A50, A51, A52, A53, A54, A6, A7, A8, A9, where A1 indicates one group and so on.

Grouped items shall not be split ordered.

Other Remarks

General Remarks

1. The rates quoted against the items shall be considered for addition/deletion of quantity during post order stage.
2. LED fixtures shall be complete with lamps, drivers, all accessories and associated junction boxes for loop in loop out & fixture wiring.
3. FLP/FP implies FLAME PROOF.
4. EX denotes Ex-nR.
5. PB implies PUSH BUTTON.
6. WP indicates WEATHER PROOF in construction.
7. L-O-R indicates LOCAL-OFF-REMOTE Selector switch.
8. LP & PP implies LIGHTING PANEL & POWER PANEL.
9. LED lamp shall be selected based on the range of lumen value as indicated & corresponding efficiency value (lumen/watt).
10. Luminous flux in lumens mentioned is the minimum to maximum range of the lumen output of the fixture. Lumen output of LED lamp shall be decided accordingly.
11. Well glass *: FLP LED well glass fixture can be offer in the following configurations:
 - a. Conventional well glass type with wire guard
 - b. Dome glass type with wire guard

Further following shall be ensure:

 - Glass shall be toughened type (impact test certificate shall be furnished by bidder)
 - Wire guard protection shall be provided. Wire guard shall be SS-304 material.
 - Lens in lieu of glass is not acceptable. However, lens & glass combination is acceptable. Lens shall be anti glare type.

List of Attachments						
Sr. No.	Document Title	Document No.	Revision			
			Rev.	Rev.	Rev.	Rev.
			Date	Date	Date	Date
Datasheet						
1.	Data sheet for Flame proof MOV Distribution Board	B862-000-16-50-DS 0511	A			
			30/04/2026			
2.	Data sheet for flame proof lighting & power panel	B862-000-16-50-DS 0801	A			
			21/11/2026			
3.	Lighting Fixture Schedule	B862-000-16-50-DS 0952	B	A		
			30/04/2026	18/09/2024		
4.	Hardware data sheet for Hydro Jetting Panel	B862-000-16-50-DS-0510	A			
			13/11/2024			
Inspection & Test Plans						
5.	Inspection and test plan for flameproof control stations	6-81-1006	5			
			28/08/2024			
6.	Inspection and test plan for flameproof lighting and power panels	6-81-1008	4			
			28/08/2024			
7.	Inspection and test plan for flameproof plugs, sockets and hand lamps	6-81-1021	3			
			22/05/2020			
8.	Inspection and test plan for hazardous area lighting fixture and junction boxes	6-81-1061	4			
			20/05/2020			
Instructions To Vendors						
9.	Instructions to Vendor	B862-000-16-50-TR-05 10	A			
			30/04/2026			
Standard						
10.	Typical installation of flood light fixture	7-51-0223	6			
			15/09/2022			
11.	Typical installation of flame proof lighting / power panel	7-51-0225	6			
			25/08/2023			
Standard Specifications						
12.	Specification for flameproof control stations	6-51-0006	7			
			09/04/2026			
13.	Specification for flame proof lighting & power panel	6-51-0008	7			
			09/04/2026			
14.	Specification for flame proof plugs, sockets & handlamps	6-51-0021	7			
			09/04/2026			
15.	Specification for flame proof area lighting fixtures & junction boxes	6-51-0061	7			
			09/04/2026			
16.	Specification for quality management system requirements from bidders	6-78-0001	3			
			29/09/2025			

List of Attachments						
Sr. No.	Document Title	Document No.	Revision			
			Rev.	Rev.	Rev.	Rev.
			Date	Date	Date	Date
17.	Specification for documentation requirements from supplier	6-78-0003	3			
			29/09/2025			
18.	Specification for flameproof power distribution boards	6-51-0007	0			
			31/03/2022			
Standards						
19.	Typical installation of hazardous area well glass / dome glass / flat glass lighting fixture	7-51-0221	6			
			15/09/2022			
Vendor Data Requirements						
20.	Vendor data requirement	B862-000-16-50-VR-0510	A			
			30/04/2026			
Vendor List						
21.	Vendor list	B862-000-16-50-VL-0510	A			
			30/04/2026			

INSTRUCTIONS TO VENDOR FOR HAZARDOUS AREA BULK ELECTRICAL ITEMS (MR NO. B862-000-XR-MR-0510)

PROJECT : PDH PP PLANT WITH ETHANE AND PROPANE
HANDLING FACILITIES AT DAHEJ, GUJARAT
UNIT/UNIT NO : 000
CLIENT : M/s PETRONET LNG LIMITED (PLL)
CONSULTANT : ENGINEERS INDIA LIMITED
/ PMC
JOB NO. : B862

A	30-04-2026	ISSUED WITH MR	MS	PK	SA
Rev. No	Date	Purpose	Prepared by	Checked by	Approved by

1.0 SPECIAL INSTRUCTIONS TO BIDDERS

- 1.1 Bidder shall submit quotations only for those items which they can supply strictly as per MR specifications, defined in the MR.
- 1.2 The submission of prices by the bidder shall be construed to mean that he has confirmed compliance with all technical specifications of the corresponding item(s).
- 1.3 Equipments having following valid Test Certificates, approval/ license shall only be offered. All the certificates shall be as per latest codes and standards.
 - a) Certificates of CIMFR or any other recognized testing agency
 - b) PESO Certificate
 - c) Applicable Statutory Approvals
 - d) BIS license (For indigenous flameproof equipments, where insisted by statutory authorities)
- 1.4 The equipment shall be strictly in conformity with stipulations given in the certificates & certified drawings of testing agency.
- 1.5 The originals of the following documents shall be shown to the EIL inspector at the time of inspection:
 - a) Certificate of CIMFR or any other recognized testing agency.
 - b) Certified drawings of testing agency (CIMFR or equivalent).
 - c) Applicable statutory Approvals (CCOE)
 - d) BIS license (For flameproof indigenous equipments, where insisted by statutory authorities).
- 1.6 Bidder to note that no correspondence shall be entered into or entertained after the bid submission.
- 1.7 **Bidder to note that a pre-bid meeting shall be held in which the bidder can seek any clarification/ confirmation if required. Bidder shall ensure that this conference is attended by both technical and commercial personnel of the Vendor who should have thoroughly scrutinized the MR beforehand and who can take across the table decision so that all issues are finally resolved in this meeting.**

2.0 BIDDER SHALL NOTE THAT NO TECHNICAL QUESTIONNAIRE SHALL BE ISSUED. BIDDER SHALL ENSURE COMPLIANCE TO THE FOLLOWING:

- 2.1 Bidder has quoted for all items as per item description exactly as specified in MR and confirmed compliance to the scope of MR.
- 2.2 Un-priced copy of the priced bid with item description exactly as per MR has been furnished.
- 2.3 Bidder has furnished confirmation that there is no deviation to MR specifications.
- 2.4 Bidder has furnished duly filled Table-1 attached with this document.
- 2.5 The tentative cable size for the following MR items are mentioned below.

Item	Incoming cable size	Outgoing cable size
DCJB	1 Run x 3C x 10 mm ² Cu, XLPE FRLS cable	1 Run x 3C x 2.5 mm ² per outgoing circuit Cu, XLPE FRLS cable
6-way LP/PP	1 Run x 3.5C x 50 mm ² Al, XLPE FRLS cable	1 Run x 3C x 2.5 mm ² per outgoing circuit Cu, XLPE FRLS cable
12-Way LP/PP	1 Run x 3.5C x 95 mm ² Al, XLPE FRLS cable	1 Run x 3C x 2.5 mm ² per outgoing circuit Cu, XLPE FRLS cable
18-Way LP	1 Run x 3.5C x 95 mm ² Al, XLPE FRLS cable	1 Run x 3C x 2.5 mm ² per outgoing circuit

		Cu, XLPE FRLS cable
MOV DB-12 way	1 Run x 3.5C x 300 mm ² Al, XLPE FRLS cable	12 Runs x 3C x 10 mm ² Cu, XLPE Fire survival cable
Hydro jetting DB	2 Run x 3.5C x 300 mm ² Al, XLPE FRLS cable	2 Runs x 3.5C x 300 mm ² Al, XLPE FRLS cable
LCS1	1 Run x 6P x 2.5 mm ² Cu, XLPE FRLS cable	NA
LCS2	1 Run x 6P x 2.5 mm ² Cu, XLPE FRLS cable	NA

However, the final Cable sizes and cable dimensions shall be informed to successful vendor at the time of drawing review post order. Any change in cable size shall be taken care by the vendor without any time and cost implication to the owner and accordingly cable glands & lugs shall be supplied by vendor.

- 2.6 The CT ratio and ammeter range for local control station envisaged for motor shall be informed after order during drawing review, which shall be taken care by the vendor without any impact of cost & time to owner. Ammeters shall be suitable for 1A secondary current.
- 2.7 Cable sizes for items listed from sl. no. 01.052 to 01.059 shall be informed during post order stage & same shall be ensured without cost & time implication to owner.
- 2.8 Makes of components/ devices are exactly as specified in the MR.
- 2.9 All L-O-R selector switches shall be make before break type and shall be lockable in OFF position.
- 2.10 External hardware of all lighting fixtures, junction boxes, welding receptacles, 240V receptacles, local control stations, lighting/power panels shall be of stainless steel (SS-304).
- 2.11 Flameproof Cable glands and sealing plugs shall be supplied with all items. Flameproof Cable glands shall confirm to IS/IEC 60079-0. For instrumentation push button stations/lamp stations (01.52 to 01.59), NPT thread shall be considered as indicated elsewhere.
- 2.12 The lighting fixtures, junction boxes, 15 A sockets etc. shall be suitable for the termination of 3Cx2.5 sq.mm copper conductor, XLPE insulated armoured cable.
- 2.13 The two cable entries of 63 A welding sockets shall be suitable for the termination of 3.5Cx50 sq. mm Al. conductor XLPE insulated armoured cable.
- 2.14 Bidder has quoted unit rates for 2 years of operation and maintenance spares along with recommended quantity.
- 2.15 Bidder has furnished list of recommended maintenance spares for 2 years of trouble free operation along with quantity and unit price (the rates shall be inclusive of packing and transportation). However the spares shall include the following as a minimum:
 - a) Toughened Glass
 - b) Wire mesh
 - c) Lamps of each type
 - d) Lamp holder of each type
 - e) Clamps of each type
 - f) Flameproof plugs and socket
 - g) Push button element of each type
 - h) Clustered LED type indicating lamp of each type.
 - i) Selector switch
 - j) Ammeter
 - k) Driver for LED lamps.

Bidder shall specifically identify those spares out of the two years operation and maintenance spares, which would be required for commissioning of the offered flameproof control stations.

- 2.16 Cable lugs shall be crimping type of following material. All the cable lugs shall be long barrel type. Lugs having sector shaped/ circular barrel shall be used for making connections for cables having sector shaped/ circular geometry of conductor respectively.
- Aluminum conductor cable termination on Aluminum bus bar/ terminals (like switchboards) - Aluminum lugs.
 - Aluminum conductor cable termination on Copper bus bar/ terminals (like motor) - Bimetallic lugs having Al barrel & tinned Cu palm.
 - Copper conductor cable termination on Aluminum bus bar - Bimetallic lugs having tinned Cu barrel and Al palm
 - Copper conductor cable termination on copper bus bar/ terminals - Tinned copper lugs.

3.0 All items within a group shall be of same make & shall be compatible for use with associated item. Items within group shall not be split ordered.

4.0 SITE CONDITION

i).	Maximum/ Minimum Ambient Temperature	45 °C/ 10 °C
ii).	Equipment design temperature (IS-9676)	45 °C
iii).	Soil Resistivity	As per Soil investigation report
iv).	Seismic Zone	As per IS-1893
v).	Altitude above mean sea level	Less than 1000m above MSL
vi).	Humidity	90% at 45°C
vii).	Environment	Dusty, Tropical and Corrosive as found in Hydrocarbon Industry

5.0 UTILIZATION VOLTAGE

- | | | |
|--|---|--------------------------------|
| a.) Normal Lighting/Emergency Lighting | : | 240V ± 10%, 50Hz ± 3% AC, 1 ph |
| b.) DC Critical Lighting | : | 220V DC |
| c.) Convenience outlets | : | 240V ± 10%, 50Hz ± 3% AC, 1 ph |
| d.) Lighting, Power, MOV panel, Welding Receptacles: | : | 415V ± 6%, 50Hz ± 3% AC, 1 ph |

6.0 FLAME PROOF MOV DISTRIBUTION BOARD (MR ITEM NO. 01.051)

MOV DB shall be provided for MOV power distribution in field. The MOV DB shall be flameproof (Ex-d) and weatherproof type for gas group IIA/ IIB, T3. Same shall be free standing floor mounting type/pedestal mounted type, dust and vermin proof with canopy suitable for outdoor installation. The DB shall be complete with the following:

- 2 nos. Incomers, 415 V, 125A, TPN, 25kA (1 sec), heavy duty switch and mechanical (castle key) interlock between incomer, voltmeter with selector Switches and ammeter with selector switches for each incomers with phase indication lamp. MCCB at incomer shall have 4-pole.
- 12 nos. 415V TP outgoing feeders each rated 32A, 25kA (1sec) with MCCB unit with phase indication lamp along with all meters, protections as per CI 7.2.2 of 6-51-0007.
- Final cable size at outgoing terminals shall be informed to bidder during post order stage without any cost & time implication to owner.

- d) 2 nos. control junction/marshalling box i.e. 1 for command and 1 for status with adequate terminals (including 10% spare terminals) shall be provided with each MOV DB.
Command control JB shall be suitable for 4 nos. 12P x 2.5 sq.mm. incoming cable and 12 nos. 4P x 2.5 sqmm. outgoing cable.
Status control JB shall be suitable for 4 nos. 12P x 2.5 sqmm incomer cable and 12 nos. 4P x 2.5 sqmm outgoing cable. Exact cable size shall be confirmed during drawing review/post order without any cost/time implication to owner.
- e) Internal bus bars, suitable base frame/ pedestal, FLP & WP double compression nickel plated brass cable glands and lugs for all power & control cable terminations, metallic sealing plugs, SS-304 external hardware.
- f) The pedestal shall be given coat of red oxide primer and finished with two coats of epoxy based paint.
- g) Flame proof MOV distribution board shall be supplied in line with EIL specification, 6-51-0007 & attached data sheets.

7.0 HYDRO BLASTING PANEL

Hydro blasting panel shall be wall mounting type, flameproof and weatherproof type suitable for gas group IIA/ IIB, T3. Same shall be rated for 415V, TPN, 400A, 25kA (1Sec). Hydro blasting panel shall be provided in line with EIL specification, 6-51-0007 & attached datasheet B862-000-16-50-DS-0510.

8.0 MISCELLANEOUS REQUIREMENTS

- 5.1 For LED fixture, integral junction box shall be provided with 3 nos. cable entries for loop-in, loop-out and associated wiring to fixture. Alternatively 2 nos. cable entries for loop-in and loop-out shall be provided with internal wiring for driver and lamp.
- 5.2 All lighting fixtures shall be supplied with fixture mounting nuts and bolts. All hardware of the lighting fixtures like nuts, bolts, mounting brackets for ceiling & column mounting and adaptors for installation on poles shall be with MOC of SS-304. However, Clamps/brackets mounting bolts & nuts are excluded from bidder's scope.
- 5.3 LED fixtures shall be supplied in line with attached data sheet (-DS-0952).
- 5.4 Lighting fixtures reserved for use in 240 Volt AC Emergency Circuit shall have additional RED Circular ring marking for identification purpose for hazardous area identification. This detail shall be furnished to successful bidder during detailed engineering.
- 5.5 Manufacturers shall ensure that all LED panels are sourced from reputed LED manufacturers.
- 5.6 AC Lighting fixtures in MR shall be suitable for operation on 240V±10%, 50 Hz±3% & Luminaries with controllers & drivers must be suitable for a working voltage range of 150 to 270 Volts – 50 Hz – AC, 1 phase AC supply. DC Lighting fixtures in MR shall be suitable for operation on 220V + 15% to -10%, DC supply.
- 5.7 All push button stations/local control station/MOV DB/hydro jetting DB/lamp stations shall be provided with 2 nos. earthing lugs/studs.
- 5.8 Stainless Steel hardware along with stainless steel grooves shall be provided.
- 5.9 All push button and control switch contacts shall be rated for min. 5 A at 240V AC-15 and 2 A at 110V DC-13 duty.
- 5.10 FRP canopy shall be provided for Sockets, DCJB, Lighting Panel and Power Panel, MOV Distribution board, Local Control Station, hydro jetting DB and item listed from 01.52 to 01.59.
- 5.11 Refer Note-11 of 6-51-0006 Rev-06, Vendor to note that L-O-R selector switch shall be provided with two contacts per position.
- 5.12 Packaging of electrical equipment shall also include plastic wrapping for transportation from works to Site.

- 5.13 Bidder to ensure that 24V, 3-pin plug part of MR item no. 01.33 shall not be inserted in 240V, 3-pin socket (MR item no. 01.25 & 01.27).
- 5.14 The 240V plug of fixed transformer unit (MR item no. 01.34) shall be compatible with 240V, 15A socket (MR item no. 01.27).

9.0 ITEMS FOR INSTRUMENTATION

Bidder shall quote all items as per MR top sheet (sl. no. 01.52 to 01.59) & the descriptions indicated below. In case of any mismatch, same shall be highlighted by bidder.

A. EMERGENCY PUSH BUTTONS (BREAK GLASS TYPE) LIST: 8 nos. (MR Item No.- 01.52)

S. no.	Field (Shutdown) push button tag no.	Description	Enclosure type	Cable entry
1.	214-HS-1301A	Fuel gas compressor (214-KA-1001A/B) emergency trip	Note-2	Note-3
2.	214-HSL-1401A_ECB	Slop oil tank 214-TT-1001 outlet (pump suction header) ROSOV close Location: outside tank dyke	Note-2	Note-3
3.	214-HSL-1402A_ECB	Slop oil tank 214-TT-1001 inlet ROSOV close Location: outside tank dyke	Note-2	Note-3
4.	305-HS-2605B_ESD	Propylene storage and transfer emergency shutdown	Note-2	Note-3
5.	101-HS-18605A	PDH heater emergency shutdown	Note-2	Note-3
6.	000-ESD-PB001	Spare	Note-2	Note-3
7.	000-ESD-PB002	Spare	Note-2	Note-3
8.	000-ESD-PB003	Spare	Note-2	Note-3

Notes:

1. Push button shall be "pull" type with mushroom head with acrylic protective cover. Pull to shutdown ("stay put" type). Rotate to release. Color of pushbutton: Red.
2. Push button station shall be weather-proof to IP 65 and explosion-proof (Exd) type certified suitable for IEC zone-2, gas group IIC, T3.
3. The push-buttons shall be with 1 NO + 1 NC and the contact rating shall be 2A, 24 V DC. Cable terminations shall be through screwless terminal blocks. 2 nos. cable entries of 1/2" NPTF shall be provided for each push-button with one entry plugged with SS304 Exd certified plug.
4. Each break glass type emergency push button station shall be provided with 3 nos. spare glass plates as loose supply in a packing labelled with the following description. "Fragile: spare glass plate for emergency pushbutton".
5. All cable entries shall be from bottom only. One no. cable entry, per pushbutton, shall be furnished with pre-installed double compression type, certified Exd (explosion-proof) SS cable gland. Cable shrouds (PVC sleeves) shall be provided over the cable glands.
6. The push-button station shall be provided with mounting accessories like U-clamp, bolts & nuts suitable for mounting on 2" pipe. MOC of u-clamps, bolts and nuts shall be minimum SS304.
7. Push button shall be provided with SS tag plate.
8. PESO certificate shall be submitted to Purchaser / Owner.

B. CLOSE / STOP / TRIP PUSH BUTTONS LIST: 75 nos. (MR Item No.- 01.53)

Sl. no.	Tag no.	Description	Enclosure type	Cable entry
1.	214-HS-1302A	Fuel gas compressor (214-KA-1001A/B) depressurization (discharge to flare)	Note-2	Note-4

2.	305-HS-2608B	Manually actuate propylene interlock I-2624	Note-2	Note-4
3.	305-HS-2601B	Manually actuate propylene bullet-A interlock I-2601	Note-2	Note-4
4.	305-HS-2602B	Manually actuate propylene bullet-B interlock I-2602	Note-2	Note-4
5.	305-HS-2606B	Manually actuate propylene bullet-C interlock I-2622	Note-2	Note-4
6.	305-HS-2607B	Manually actuate propylene bullet-D interlock I-2623	Note-2	Note-4
7.	305-HS-2603B	Manually actuate offspec propylene bullet interlock I-2603	Note-2	Note-4
8.	305-HS-2604B	Manually actuate propylene pumphouse fire interlock I-2604	Note-2	Note-4
9.	101-HS-12301B	Close 101-UV-12301 (near valve)	Note-2	Note-4
10.	101-HS-12301C	Close 101-UV-12301 (located atleast 15m away from UV at a safe and an accessible location in case of fire)	Note-2	Note-4
11.	101-HS-12601B	Close 101-UV-12601 (near valve)	Note-2	Note-4
12.	101-HS-12601C	Close 101-UV-12601 (located atleast 15m away from UV at a safe and an accessible location in case of fire)	Note-2	Note-4
13.	101-HS-13001B	Close 101-UV-13001 (near valve)	Note-2	Note-4
14.	101-HS-13001C	Close 101-UV-13001 (located atleast 15m away from UV at a safe and an accessible location in case of fire)	Note-2	Note-4
15.	101-HS-22001B	Close 101-UV-22001 (near valve)	Note-2	Note-4
16.	101-HS-22001C	Close 101-UV-22001 (located atleast 15m away from UV at a safe and an accessible location in case of fire)	Note-2	Note-4
17.	101-HS-22002B	Close 101-UV-22002 (near valve)	Note-2	Note-4
18.	101-HS-22002C	Close 101-UV-22002 (located atleast 15m away from UV at a safe and an accessible location in case of fire)	Note-2	Note-4
19.	101-HS-22501B	Close 101-UV-22501 (near valve)	Note-2	Note-4
20.	101-HS-22501C	Close 101-UV-22501 (located atleast 15m away from UV at a safe and an accessible location in case of fire)	Note-2	Note-4
21.	101-HS-23102B	Close 101-UV-23102 (near valve)	Note-2	Note-4
22.	101-HS-23102C	Close 101-UV-23102 (located atleast 15m away from UV at a safe and an accessible location in case of fire)	Note-2	Note-4
23.	101-HS-23601B	Close 101-UV-23601 (near valve)	Note-2	Note-4
24.	101-HS-23601C	Close 101-UV-23601 (located atleast 15m away from UV at a safe and an accessible location in case of fire)	Note-2	Note-4
25.	101-HS-24203B	Close 101-UV-24203 (near valve)	Note-2	Note-4
26.	101-HS-24203C	Close 101-UV-24203 (located atleast 15m away from UV at a safe and an accessible location in case of fire)	Note-2	Note-4
27.	101-HS-24401B	Close 101-UV-24401 (near valve)	Note-2	Note-4
28.	101-HS-24401C	Close 101-UV-24401 (located atleast 15m away from UV at a safe and an accessible location in case of fire)	Note-2	Note-4
29.	101-HS-24801B	Close 101-UV-24801	Note-2	Note-4

		(near valve)		
30.	101-HS-24801C	Close 101-UV-24801 (located atleast 15m away from UV at a safe and an accessible location in case of fire)	Note-2	Note-4
31.	101-HS-25603B	Close 101-UV-25603 (near valve)	Note-2	Note-4
32.	101-HS-25603C	Close 101-UV-25603 (located atleast 15m away from UV at a safe and an accessible location in case of fire)	Note-2	Note-4
33.	101-HS-25703B	Close 101-UV-25703 (near valve)	Note-2	Note-4
34.	101-HS-25703C	Close 101-UV-25703 (located atleast 15m away from UV at a safe and an accessible location in case of fire)	Note-2	Note-4
35.	101-HS-25801B	Close 101-UV-25801 (near valve)	Note-2	Note-4
36.	101-HS-25801C	Close 101-UV-25801 (located atleast 15m away from UV at a safe and an accessible location in case of fire)	Note-2	Note-4
37.	101-HS-25901B	Close 101-UV-25901 (near valve)	Note-2	Note-4
38.	101-HS-25901C	Close 101-UV-25901 (located atleast 15m away from UV at a safe and an accessible location in case of fire)	Note-2	Note-4
39.	101-HS-26003B	Close 101-UV-26003 (near valve)	Note-2	Note-4
40.	101-HS-26003C	Close 101-UV-26003 (located atleast 15m away from UV at a safe and an accessible location in case of fire)	Note-2	Note-4
41.	101-HS-02401C	Stop 101-EA-0001 air cooler from grade (atmospheric flash drum condenser)	Note-2	Note-4
42.	101-HS-02402C	Stop 101-EA-0001 air cooler from grade (atmospheric flash drum condenser)	Note-2	Note-4
43.	101-HS-16401C	Solvent recovery column cooler EA- 0101A stop from grade	Note-2	Note-4
44.	101-HS-16402C	Solvent recovery column cooler EA- 0101B stop from grade	Note-2	Note-4
45.	101-HS-15001B	Close 101-UV-15001 (near valve)	Note-2	Note-4
46.	101-HS-15001C	Close 101-UV-15001 (located atleast 15m away from UV at a safe and an accessible location in case of fire)	Note-2	Note-4
47.	101-HS-16001B	Close 101-UV-16001 (near valve)	Note-2	Note-4
48.	101-HS-16001C	Close 101-UV-16001 (located atleast 15m away from UV at a safe and an accessible location in case of fire)	Note-2	Note-4
49.	101-HS-13301B	Close 101-UV-13301 (near valve)	Note-2	Note-4
50.	101-HS-13301C	Close 101-UV-13301 (located atleast 15m away from UV at a safe and an accessible location in case of fire)	Note-2	Note-4
51.	101-HS-13302B	Close 101-UV-13302 (near valve)	Note-2	Note-4
52.	101-HS-13302C	Close 101-UV-13302 (located atleast 15m away from UV at a safe and an accessible location in case of fire)	Note-2	Note-4
53.	101-HS-13201B	Close 101-UV-13201 (near valve)	Note-2	Note-4
54.	101-HS-13201C	Close 101-UV-13201 (located atleast 15m away from UV at a safe and an accessible location in case of fire)	Note-2	Note-4

55.	101-HS-25101B	Close 101-UV-25101 (near valve)	Note-2	Note-4
56.	101-HS-25101C	Close 101-UV-25101 (located atleast 15m away from UV at a safe and an accessible location in case of fire)	Note-2	Note-4
57.	101-HS-25001B	Close 101-UV-25001 (near valve)	Note-2	Note-4
58.	101-HS-25001C	Close 101-UV-25001 (located atleast 15m away from UV at a safe and an accessible location in case of fire)	Note-2	Note-4
59.	101-HS-13101B	Close 101-UV-13101 (near valve)	Note-2	Note-4
60.	101-HS-13101C	Close 101-UV-13101 (located atleast 15m away from UV at a safe and an accessible location in case of fire)	Note-2	Note-4
61.	101-HS-15701B	Close 101-UV-15701 (near valve)	Note-2	Note-4
62.	101-HS-15701C	Close 101-UV-15701 (located atleast 15m away from UV at a safe and an accessible location in case of fire)	Note-2	Note-4
63.	101-HS-16002B	Close 101-UV-16002 (near valve)	Note-2	Note-4
64.	101-HS-16002C	Close 101-UV-16002 (located atleast 15m away from UV at a safe and an accessible location in case of fire)	Note-2	Note-4
65.	101-HS-17401B	Close 101-UV-17401 (near valve)	Note-2	Note-4
66.	101-HS-17401C	Close 101-UV-17401 (located atleast 15m away from UV at a safe and an accessible location in case of fire)	Note-2	Note-4
67.	101-HS-17801B	Close 101-UV-17801 (near valve)	Note-2	Note-4
68.	101-HS-17801C	Close 101-UV-17801 (located atleast 15m away from UV at a safe and an accessible location in case of fire)	Note-2	Note-4
69.	000-HSL-SP01	Spare	Note-2	Note-4
70.	000-HSL-SP02	Spare	Note-2	Note-4
71.	000-HSL-SP03	Spare	Note-2	Note-4
72.	000-HSL-SP04	Spare	Note-2	Note-4
73.	000-HSL-SP05	Spare	Note-2	Note-4
74.	000-HSL-SP06	Spare	Note-2	Note-4
75.	000-HSL-SP07	Spare	Note-2	Note-4

Notes:

1. Pushbutton shall make the contact when activated (pressed) and the contact shall be stay-put type with mushroom head (pull to reset). Pushbuttons shall have a cover (hinged at top) requiring to be opened before access to pushbutton. Color of pushbutton: Red.
2. Push Button station shall be Weather-proof to IP 65 and Explosion-proof (Exd) type certified suitable for Zone 2, Gas Group IIC, T3.
3. The push-button station shall be provided with mounting accessories like U-Clamp, Bolts & nuts suitable for mounting on 2" pipe. MOC of u-clamps, bolts and nuts shall be minimum SS304.
4. All cable entries shall be from bottom only. One no. cable entry, per pushbutton, shall be furnished with pre-installed double compression type, certified Exd (explosion-proof) SS cable gland. Cable shrouds (PVC sleeves) shall be provided over the cable glands.
5. The push-buttons shall be with 1 NO + 1 NC and the contact rating shall be 2A, 24 V DC. Cable terminations shall be through screwless terminal blocks. 2 nos. of cable entries of size 1/2" NPT shall be provided for each push button with one entry plugged with SS304 'Exd' certified plug.

6. Push Button shall be provided with SS tag plate.
7. PESO certificate shall be submitted to Purchaser / Owner.

C. OPEN / START / RESET PUSH BUTTON STATIONS LIST (87 nos.) (MR Item No.- 01.54)

Sl. no.	Tag no.	Corresponding equipment (tag-plate to have following description)	Enclosure type	Cable entry
1.	101-HS-12301A	Reset of 101-UV-12301 (near valve)	Note-2	Note-4
2.	101-HS-12601A	Reset of 101-UV-12601 (near valve)	Note-2	Note-4
3.	101-HS-13001A	Reset of 101-UV-12601 (near valve)	Note-2	Note-4
4.	101-HS-22001A	Reset of 101-UV-22001 (near valve)	Note-2	Note-4
5.	101-HS-22002A	Reset of 101-UV-22002 (near valve)	Note-2	Note-4
6.	101-HS-22501A	Reset of 101-UV-22501 (near valve)	Note-2	Note-4
7.	101-HS-23102A	Reset of 101-UV-23102 (near valve)	Note-2	Note-4
8.	101-HS-23601A	Reset of 101-UV-23601 (near valve)	Note-2	Note-4
9.	101-HS-24203A	Reset of 101-UV-24203 (near valve)	Note-2	Note-4
10.	101-HS-24401A	Reset of 101-UV-24401 (near valve)	Note-2	Note-4
11.	101-HS-24801A	Reset of 101-UV-24801 (near valve)	Note-2	Note-4
12.	101-HS-25603A	Reset of 101-UV-25603 (near valve)	Note-2	Note-4
13.	101-HS-25703A	Reset of 101-UV-25703 (near valve)	Note-2	Note-4
14.	101-HS-25801A	Reset of 101-UV-25801 (near valve)	Note-2	Note-4
15.	101-HS-25901A	Reset of 101-UV-25901 (near valve)	Note-2	Note-4
16.	101-HS-26003A	Reset of 101-UV-26003 (near valve)	Note-2	Note-4
17.	101-HS-02601	Reset of 101-UV-02601 (near valve)	Note-2	Note-4
18.	101-HS-05601	Reset of 101-UV-05601 (near valve)	Note-2	Note-4
19.	101-HS-14401	Reset of LV-14401B (near valve)	Note-2	Note-4
20.	101-HS-21301	Reset of 101-UV-21301 (near valve)	Note-2	Note-4
21.	101-HS-22301	Reset of 101-UV-22301 (near valve)	Note-2	Note-4
22.	101-HS-22401	Reset of 101-UV-22401+ (near valve)	Note-2	Note-4
23.	101-HS-22701	Reset of 101-UV-22701 (near valve)	Note-2	Note-4
24.	101-HS-22901	Reset of 101-UV-22901 (near valve)	Note-2	Note-4
25.	101-HS-22903	Reset of 101-UV-22903 (near valve)	Note-2	Note-4
26.	101-HS-22904	Reset of 101-UV-22904 (near valve)	Note-2	Note-4
27.	101-HS-23101	Reset of 101-UV-23101 (near valve)	Note-2	Note-4
28.	101-HS-23501	Reset of 101-UV-23501 (near valve)	Note-2	Note-4
29.	101-HS-23701	Reset of 101-UV-23701 (near valve)	Note-2	Note-4
30.	101-HS-24201	Reset of 101-UV-24201 (near valve)	Note-2	Note-4
31.	101-HS-25201	Reset of 101-UV-25201 (near valve)	Note-2	Note-4
32.	101-HS-25301	Reset of 101-UV-25301 (near valve)	Note-2	Note-4

33.	101-HS-25302	Reset of 101-UV-25302 (near valve)	Note-2	Note-4
34.	101-HS-25501	Reset of 101-UV-25501 (near valve)	Note-2	Note-4
35.	101-HS-25601	Reset of 101-UV-25601 (near valve)	Note-2	Note-4
36.	101-HS-25701	Reset of 101-UV-25701 (near valve)	Note-2	Note-4
37.	101-HS-25702	Reset of 101-UV-25702 (near valve)	Note-2	Note-4
38.	101-HS-26001	Reset of 101-UV-26001 (near valve)	Note-2	Note-4
39.	101-HS-18601A	Reset of 101-UV-18601 and 101-UV-18602 (Fuel gas) (near 101-UV-18602)	Note-2	Note-4
40.	101-HS-18601B	Reset of 101-UV-18603 and 101-UV-18604 (RLNG - Pilot) (near 101-UV-18604)	Note-2	Note-4
41.	101-HS-18601C	Reset of 101-UV-18605 and 101-UV-18606 (RLNG - Interheaters) (near 101-UV-18606)	Note-2	Note-4
42.	101-HS-15001A	Reset of 101-UV-15001 (near valve)	Note-2	Note-4
43.	101-HS-16001A	Reset of 101-UV-16001 (near valve)	Note-2	Note-4
44.	101-HS-13301A	Reset of 101-UV-13301 (near valve)	Note-2	Note-4
45.	101-HS-13302A	Reset of 101-UV-13302 (near valve)	Note-2	Note-4
46.	101-HS-13201A	Reset of 101-UV-13201 (near valve)	Note-2	Note-4
47.	101-HS-25101A	Reset of 101-UV-25101 (near valve)	Note-2	Note-4
48.	101-HS-25001A	Reset of 101-UV-25001 (near valve)	Note-2	Note-4
49.	101-HS-13101A	Reset of 101-UV-13101 (near valve)	Note-2	Note-4
50.	101-HS-15701A	Reset of 101-UV-15701 (near valve)	Note-2	Note-4
51.	101-HS-16002A	Reset of 101-UV-16002 (near valve)	Note-2	Note-4
52.	101-HS-17401A	Reset of 101-UV-17401 (near valve)	Note-2	Note-4
53.	101-HS-17801A	Reset of 101-UV-17801 (near valve)	Note-2	Note-4
54.	102-HS-UV-21101	Reset of 102-UV-21101 (near valve)	Note-2	Note-4
55.	102-HS-UV-21111	Reset of 102-UV-21111 (near valve)	Note-2	Note-4
56.	102-HS-UV-34101	Reset of 102-UV-34101 (near valve)	Note-2	Note-4
57.	102-HS-UV-34102	Reset of 102-UV-34102 (near valve)	Note-2	Note-4
58.	102-HS-UV-34103	Reset of 102-UV-34103 (near valve)	Note-2	Note-4
59.	102-HS-UV-34108	Reset of 102-UV-34108 (near valve)	Note-2	Note-4
60.	102-HS-UV-34109	Reset of 102-UV-34109 (near valve)	Note-2	Note-4
61.	102-HS-UV-34110	Reset of 102-UV-34110 (near valve)	Note-2	Note-4
62.	102-HS-UV-34111	Reset of 102-UV-34111 (near valve)	Note-2	Note-4
63.	102-HS-UV-34201	Reset of 102-UV-34201 (near valve)	Note-2	Note-4
64.	102-HS-UV-34202	Reset of 102-UV-34202 (near valve)	Note-2	Note-4
65.	102-HS-UV-34203	Reset of 102-UV-34203 (near valve)	Note-2	Note-4
66.	102-HS-UV-34301	Reset of 102-UV-34301 (near valve)	Note-2	Note-4
67.	102-HS-UV-34302	Reset of 102-UV-34302 (near valve)	Note-2	Note-4
68.	102-HS-UV-34303	Reset of 102-UV-34303 (near valve)	Note-2	Note-4

69.	102-HS-UV-34304	Reset of 102-UV-34304 (near valve)	Note-2	Note-4
70.	102-HS-UV-34305	Reset of 102-UV-34305 (near valve)	Note-2	Note-4
71.	102-HS-UV-34306	Reset of 102-UV-34306 (near valve)	Note-2	Note-4
72.	102-HS-UV-34402	Reset of 102-UV-34402 (near valve)	Note-2	Note-4
73.	102-HS-UV-34404	Reset of 102-UV-34404 (near valve)	Note-2	Note-4
74.	102-HS-UV-34405	Reset of 102-UV-34405 (near valve)	Note-2	Note-4
75.	102-HS-UV-34406	Reset of 102-UV-34406 (near valve)	Note-2	Note-4
76.	102-HS-UV-36101	Reset of 102-UV-36101 (near valve)	Note-2	Note-4
77.	102-HS-UV- 66101	Reset of 102-UV-66101 (near valve)	Note-2	Note-4
78.	102-HS-UV-21001	Reset of 102-UV-21001 (near valve)	Note-2	Note-4
79.	102-HS-UV-21011	Reset of 102-UV-21011 (near valve)	Note-2	Note-4
80.	000-HSH-SP01	Spare	Note-2	Note-4
81.	000-HSH-SP02	Spare	Note-2	Note-4
82.	000-HSH-SP03	Spare	Note-2	Note-4
83.	000-HSH-SP04	Spare	Note-2	Note-4
84.	000-HSH-SP05	Spare	Note-2	Note-4
85.	000-HSH-SP06	Spare	Note-2	Note-4
86.	000-HSH-SP07	Spare	Note-2	Note-4
87.	000-HSH-SP08	Spare	Note-2	Note-4

Notes:

1. Push button shall make the contact when activated (pressed) and the contact shall be momentary type. Pushbuttons shall have a cover (hinged at top) requiring to be opened before access to pushbutton. Color of pushbutton: Green.
2. Push Button station shall be Weather-proof to IP 65 and Explosion-proof (Exd) type certified suitable for Zone 2, Gas Group IIC, T3.
3. The push-button station shall be provided with mounting accessories like U-Clamp, Bolts & nuts suitable for mounting on 2" pipe. MOC of u-clamps, bolts and nuts shall be minimum SS304.
4. All cable entries shall be from bottom only. One no. cable entry, per pushbutton, shall be furnished with pre-installed double compression type, certified Exd (explosion-proof) SS cable gland. Cable shrouds (PVC sleeves) shall be provided over the cable glands.
5. The push-buttons shall be with 1 NO + 1 NC and the contact rating shall be 2A, 24 V DC. Cable terminations shall be through screwless terminal blocks. 2 nos. of cable entries of size 1/2" NPT shall be provided for each push button with one entry plugged with SS304 'Exd' certified plug.
6. Push Button shall be provided with SS tag plate; and shall have the description tabulated above.
7. PESO certificate shall be submitted to Purchaser / Owner.

D. INDICATING LED LAMP STATIONS (20 nos.) (MR Item No.- 01.55)

Sl. no.	Tag no. (colour)	Corresponding equipment (tag-plate to have following description)	Enclosure type	Cable entry
1.	305-PA- 1001A_LO-PRESS (red)	305-PA-1001A / 305-PT-1204 (Propane mounded bullet transfer pump-A low discharge pressure)	Note-2	Note-3

2.	305-PA-1001B_LO-PRESS (red)	305-PA-1001B / 305-PT-1205 (Propane mounded bullet transfer pump-B low discharge pressure)	Note-2	Note-3
3.	305-PA-1003A_LO-SUCN-PRESS (red)	305-PA-1003A / 305-PT-2315 (Propylene export pump-A low suction pressure)	Note-2	Note-3
4.	305-PA-1003A_LO-DISCH-PRESS (red)	305-PA-1003A / 305-PT-2301 (Propylene export pump-A low discharge pressure)	Note-2	Note-3
5.	305-PA-1003B_LO-SUCN-PRESS (red)	305-PA-1003B / 305-PT-2316 (Propylene export pump-B low suction pressure)	Note-2	Note-3
6.	305-PA-1003B_LO-DISCH-PRESS (red)	305-PA-1003B / 305-PT-2303 (Propylene export pump-B low discharge pressure)	Note-2	Note-3
7.	305-PA-1002A_LO-PRESS (red)	305-PA-1002A / 305-PT-2309 (Propylene feed transfer pump-A low discharge pressure)	Note-2	Note-3
8.	305-PA-1002B_LO-PRESS (red)	305-PA-1002B / 305-PT-2311 (Propylene feed transfer pump-B low discharge pressure)	Note-2	Note-3
9.	305-PA-1002C_LO-PRESS (red)	305-PA-1002C / 305-PT-2305 (Propylene feed transfer pump-C low discharge pressure)	Note-2	Note-3
10.	305-PA-1004A_LO-PRESS (red)	305-PA-1004A / 305-PT-2505 (Offspec propylene transfer pump-A low discharge pressure)	Note-2	Note-3
11.	305-PA-1004B_LO-PRESS (red)	305-PA-1004B / 305-PT-2507 (Offspec propylene transfer pump-B low discharge pressure)	Note-2	Note-3
12.	999-PA-1201A-RUN (green)	OWS pump 999-PA-1201A run indication	Note-2	Note-3
13.	999-PA-1201B-RUN (green)	OWS pump 999-PA-1201B run indication	Note-2	Note-3
14.	999-PA-1202A-RUN (green)	OWS pump 999-PA-1202A run indication	Note-2	Note-3
15.	999-PA-1202B-RUN (green)	OWS pump 999-PA-1202B run indication	Note-2	Note-3
16.	000-XL-SP01 (RED)	Spare	Note-2	Note-3
17.	000-XL-SP02 (RED)	Spare	Note-2	Note-3
18.	000-XL-SP03 (RED)	Spare	Note-2	Note-3
19.	000-XL-SP04 (GREEN)	Spare	Note-2	Note-3
20.	000-XL-SP05 (GREEN)	Spare	Note-2	Note-3

Notes:

1. Lamps shall be LEDs of “continuously-lit” type (not intermittent-flashing / blinking type) with weather-proof to IP 65 and Explosion-proof (Exd) type certified enclosure suitable for Zone-2, Gas Group IIC, T3. Cable terminations shall be through screwless terminal blocks.

2. The lamp enclosure shall be provided with mounting accessories like U-Clamp, Bolts & nuts suitable for mounting on 2" pipe. MOC of u-clamps, bolts and nuts shall be minimum SS304.
3. The lamp contact rating shall be 2A, 24 V DC. Cable entry shall be 1/2" NPT. Lamps shall be loop-powered through 24VDC, no separate power supply shall be provided.
4. All cable entries shall be from bottom only. Cable entry shall be furnished with pre-installed double compression type, certified Exd (explosion-proof) SS cable gland. Cable shrouds (PVC sleeves) shall be provided over the cable glands.
5. Lamps shall be provided with SS tag plate.
6. PESO certificate shall be submitted to Purchaser / Owner.

E. THREE-POSITION SELECTOR SWITCHES (5 nos.) (MR Item No.- 01.56)

Sl. no.	Tag no.	Enclosure type	Cable entry
1.	000-3SS-SP01 (spare)	Note-2	Note-5
2.	000-3SS-SP02 (spare)	Note-2	Note-5
3.	000-3SS-SP03 (spare)	Note-2	Note-5
4.	000-3SS-SP04 (spare)	Note-2	Note-5
5.	000-3SS-SP05 (spare)	Note-2	Note-5

Notes:

1. Selector switches shall be three position type (make-before-break type) with separate contacts for all three positions. Purchaser shall use a single pair cable for each position of the selector switch.
2. Selector switch station shall be Weather-proof to IP 65 and Explosion-proof (Exd) type certified suitable for Zone 2, Gas Group IIC, T3.
3. The selector switch station shall be provided with tamper-proof protection cover.
4. The selector switch station shall be provided with mounting accessories like U-Clamp, Bolts & nuts suitable for mounting on 2" pipe. MOC of u-clamps, bolts and nuts shall be minimum SS304.
5. The selector switch shall be with contact rating 2A, 24 V DC. Cable terminations shall be through screwless terminal blocks. 3 nos. of cable entries of size 1/2" NPT shall be provided for each station. All cable entries shall be from bottom only and each entry shall be furnished with pre-installed double compression type, certified Exd (explosion-proof) SS cable glands. Cable shrouds (PVC sleeves) shall be provided over the cable glands.
6. Selector switch shall be provided with SS tag plate.
7. PESO certificate shall be submitted to Purchaser / Owner.

F. TWO-POSITION SELECTOR SWITCHES (5 nos.) (MR Item No.- 01.57)

Sl. no.	Tag no.	Description	Enclosure type	Cable entry
1.	101-HS-18605B	PDH heater local-remote selection located at grade	Note-2	Note-5
2.	000-2SS-SP01 (spare)	Spare	Note-2	Note-5
3.	000-2SS-SP02 (spare)	Spare	Note-2	Note-5
4.	000-2SS-SP03 (spare)	Spare	Note-2	Note-5
5.	000-2SS-SP04 (spare)	Spare	Note-2	Note-5

Notes:

1. Selector switches shall be two position type (make-before-break type) with separate contacts for both positions. Purchaser shall use a single pair cable for each position of the selector switch.
2. Selector switch station shall be Weather-proof to IP 65 and Explosion-proof (Exd) type certified suitable for Zone 2, Gas Group IIC, T3.
3. The selector switch station shall be provided with tamper-proof protection cover.
4. The selector switch station shall be provided with mounting accessories like U-Clamp, Bolts & nuts suitable for mounting on 2" pipe. MOC of u-clamps, bolts and nuts shall be minimum SS304.
5. The selector switch shall be with contact rating 2A, 24 V DC. Cable terminations shall be through screwless terminal blocks. 2 nos. of cable entries of size 1/2" NPT shall be provided for each station. All cable entries shall be from bottom only and each entry shall be furnished with pre-installed double compression type, certified Exd (explosion-proof) SS cable glands. Cable shrouds (PVC sleeves) shall be provided over the cable glands.
6. Selector switch shall be provided with SS tag plate.
7. PESO certificate shall be submitted to Purchaser / Owner.

**G. DUAL PUSH-BUTTON STATIONS (OPEN+CLOSE / START+STOP) /
DUAL LAMP STATIONS REQUIREMENTS FOR ROSOVs, ROVs, PUMPS, MOVs
(66 nos.) (MR Item No.- 01.58)**

Sl. no.	STATION TAG NO. (note-1, note-2, note-5)	TYPE (note-3, note-4)	DESCRIPTION	Pushbutton / Lamp functions (note-4)	Pushbutton / Lamp tag nos. (note-5)	CONTACT REQ.	ENCLOSURE TYPE	CABLE ENTRY	REMARKS / LCS LOCATION
1.	214-ROSOV-1401_PBS	Pushbutton station with 2 pushbuttons		ROSOV open command	214-HSH-1401B	2A, 24VDC	note-1	2 nos. of 1/2" NPTF cable entries	Outside dyke.
				ROSOV close command	214-HSL-1401A				
2.	214-ROSOV-1401_LAMP	Lamp station with 2 lamps only		ROSOV open status	214-ZLH-1401	2A, 24VDC	note-1	2 nos. of 1/2" NPTF cable entries	Outside dyke.
				ROSOV close status	214-ZLL-1401				
3.	214-ROSOV-1402_PBS	Pushbutton station with 2 pushbuttons		ROSOV open command	214-HSH-1402B	2A, 24VDC	note-1	2 nos. of 1/2" NPTF cable entries	Outside dyke.
				ROSOV close command	214-HSL-1402A				
4.	214-ROSOV-1402_LAMP	Lamp station with 2 lamps only		ROSOV open status	214-ZLH-1402	2A, 24VDC	note-1	2 nos. of 1/2" NPTF cable entries	Outside dyke.
				ROSOV close status	214-ZLL-1402				
5.	305-ROV-1101_PBS	Pushbutton station with 2 pushbuttons		ROV open command	305-HSH-1101A	2A, 24VDC	note-1	2 nos. of 1/2" NPTF cable entries	
				ROV close command	305-HSL-1101B				
6.	305-ROV-1101_LAMP	Lamp station with 2 lamps only		ROV open status	305-ZLH-1101	2A, 24VDC	note-1	2 nos. of 1/2" NPTF cable entries	
				ROV close status	305-ZLL-1101				
7.	305-ROV-1102_PBS	Pushbutton station with 2 pushbuttons		ROV open command	305-HSH-1102A	2A, 24VDC	note-1	2 nos. of 1/2" NPTF cable entries	
				ROV close command	305-HSL-1102B				
8.	305-ROV-1102_LAMP	Lamp station with 2 lamps only		ROV open status	305-ZLH-1102	2A, 24VDC	note-1	2 nos. of 1/2" NPTF cable entries	
				ROV close status	305-ZLL-1102				
9.	305-ROV-1103_PBS	Pushbutton station with 2 pushbuttons		ROV open command	305-HSH-1103A	2A, 24VDC	note-1	2 nos. of 1/2" NPTF cable entries	
				ROV close command	305-HSL-1103B				
10.	305-ROV-1103_LAMP	Lamp station with 2 lamps only		ROV open status	305-ZLH-1103	2A, 24VDC	note-1	2 nos. of 1/2" NPTF cable entries	
				ROV close status	305-ZLL-1103				
11.	305-ROV-2101_PBS	Pushbutton station with 2 pushbuttons		ROV open command	305-HSH-2101A	2A, 24VDC	note-1	2 nos. of 1/2" NPTF cable entries	
				ROV close command	305-HSL-2101B				
12.	305-ROV-2101_LAMP	Lamp station with 2 lamps only		ROV open status	305-ZLH-2101	2A, 24VDC	note-1	2 nos. of 1/2" NPTF cable entries	
				ROV close status	305-ZLL-2101				
13.	305-ROV-2102_PBS	Pushbutton station with 2 pushbuttons		ROV open command	305-HSH-2102A	2A, 24VDC	note-1	2 nos. of 1/2" NPTF cable entries	
				ROV close command	305-HSL-2102B				
14.	305-ROV-2102_LAMP	Lamp station with 2 lamps only		ROV open status	305-ZLH-2102	2A, 24VDC	note-1	2 nos. of 1/2" NPTF cable entries	
				ROV close status	305-ZLL-2102				
15.	305-ROV-2103_PBS	Pushbutton station with 2 pushbuttons		ROV open command	305-HSH-2103A	2A, 24VDC	note-1	2 nos. of 1/2" NPTF cable entries	
				ROV close command	305-HSL-2103B				
16.	305-ROV-2103_LAMP	Lamp station with 2 lamps only		ROV open status	305-ZLH-2103	2A, 24VDC	note-1	2 nos. of 1/2" NPTF cable entries	
				ROV close status	305-ZLL-2103				
17.	305-ROV-2104_PBS	Pushbutton station with 2 pushbuttons		ROV open command	305-HSH-2104A	2A, 24VDC	note-1	2 nos. of 1/2" NPTF cable entries	
				ROV close command	305-HSL-2104B				
18.	305-ROV-2104_LAMP	Lamp station with 2 lamps only		ROV open status	305-ZLH-2104	2A, 24VDC	note-1	2 nos. of 1/2" NPTF cable entries	
				ROV close status	305-ZLL-2104				
19.	305-ROV-2105_PBS	Pushbutton station with 2 pushbuttons		ROV open command	305-HSH-2105A	2A, 24VDC	note-1	2 nos. of 1/2" NPTF cable entries	
				ROV close command	305-HSL-2105B				
20.	305-ROV-2105_LAMP	Lamp station with 2 lamps only		ROV open status	305-ZLH-2105	2A, 24VDC	note-1	2 nos. of 1/2" NPTF cable entries	
				ROV close status	305-ZLL-2105				
21.	305-ROV-2106_PBS	Pushbutton station with 2 pushbuttons		ROV open command	305-HSH-2106A	2A, 24VDC	note-1	2 nos. of 1/2" NPTF cable entries	
				ROV close command	305-HSL-2106B				
22.	305-ROV-2106_LAMP	Lamp station with 2		ROV open status	305-ZLH-2106	2A,	note-1	2 nos. of 1/2"	

		lamps only		ROV close status	305-ZLL-2106	24VDC		NPTF cable entries	
23.	305-ROV-2201_PBS	Pushbutton station with 2 pushbuttons		ROV open command	305-HSH-2201A	2A,	note-1	2 nos. of ½" NPTF cable entries	
				ROV close command	305-HSL-2201B	24VDC			
24.	305-ROV-2201_LAMP	Lamp station with 2 lamps only		ROV open status	305-ZLH-2201	2A,	note-1	2 nos. of ½" NPTF cable entries	
				ROV close status	305-ZLL-2201	24VDC			
25.	305-ROV-2202_PBS	Pushbutton station with 2 pushbuttons		ROV open command	305-HSH-2202A	2A,	note-1	2 nos. of ½" NPTF cable entries	
				ROV close command	305-HSL-2202B	24VDC			
26.	305-ROV-2202_LAMP	Lamp station with 2 lamps only		ROV open status	305-ZLH-2202	2A,	note-1	2 nos. of ½" NPTF cable entries	
				ROV close status	305-ZLL-2202	24VDC			
27.	305-ROV-2203_PBS	Pushbutton station with 2 pushbuttons		ROV open command	305-HSH-2203A	2A,	note-1	2 nos. of ½" NPTF cable entries	
				ROV close command	305-HSL-2203B	24VDC			
28.	305-ROV-2203_LAMP	Lamp station with 2 lamps only		ROV open status	305-ZLH-2203	2A,	note-1	2 nos. of ½" NPTF cable entries	
				ROV close status	305-ZLL-2203	24VDC			
29.	305-ROV-2204_PBS	Pushbutton station with 2 pushbuttons		ROV open command	305-HSH-2204A	2A,	note-1	2 nos. of ½" NPTF cable entries	
				ROV close command	305-HSL-2204B	24VDC			
30.	305-ROV-2204_LAMP	Lamp station with 2 lamps only		ROV open status	305-ZLH-2204	2A,	note-1	2 nos. of ½" NPTF cable entries	
				ROV close status	305-ZLL-2204	24VDC			
31.	305-ROV-2205_PBS	Pushbutton station with 2 pushbuttons		ROV open command	305-HSH-2205A	2A,	note-1	2 nos. of ½" NPTF cable entries	
				ROV close command	305-HSL-2205B	24VDC			
32.	305-ROV-2205_LAMP	Lamp station with 2 lamps only		ROV open status	305-ZLH-2205	2A,	note-1	2 nos. of ½" NPTF cable entries	
				ROV close status	305-ZLL-2205	24VDC			
33.	305-ROV-2206_PBS	Pushbutton station with 2 pushbuttons		ROV open command	305-HSH-2206A	2A,	note-1	2 nos. of ½" NPTF cable entries	
				ROV close command	305-HSL-2206B	24VDC			
34.	305-ROV-2206_LAMP	Lamp station with 2 lamps only		ROV open status	305-ZLH-2206	2A,	note-1	2 nos. of ½" NPTF cable entries	
				ROV close status	305-ZLL-2206	24VDC			
35.	305-ROV-2401_PBS	Pushbutton station with 2 pushbuttons		ROV open command	305-HSH-2401A	2A,	note-1	2 nos. of ½" NPTF cable entries	
				ROV close command	305-HSL-2401B	24VDC			
36.	305-ROV-2401_LAMP	Lamp station with 2 lamps only		ROV open status	305-ZLH-2401	2A,	note-1	2 nos. of ½" NPTF cable entries	
				ROV close status	305-ZLL-2401	24VDC			
37.	305-ROV-2402_PBS	Pushbutton station with 2 pushbuttons		ROV open command	305-HSH-2402A	2A,	note-1	2 nos. of ½" NPTF cable entries	
				ROV close command	305-HSL-2402B	24VDC			
38.	305-ROV-2402_LAMP	Lamp station with 2 lamps only		ROV open status	305-ZLH-2402	2A,	note-1	2 nos. of ½" NPTF cable entries	
				ROV close status	305-ZLL-2402	24VDC			
39.	305-ROV-2403_PBS	Pushbutton station with 2 pushbuttons		ROV open command	305-HSH-2403A	2A,	note-1	2 nos. of ½" NPTF cable entries	
				ROV close command	305-HSL-2403B	24VDC			
40.	305-ROV-2403_LAMP	Lamp station with 2 lamps only		ROV open status	305-ZLH-2403	2A,	note-1	2 nos. of ½" NPTF cable entries	
				ROV close status	305-ZLL-2403	24VDC			
41.	999-PA-1201A_PBS (Spare)	Pushbutton station with 2 pushbuttons		OWS pump 999-PA-1201A start	999-HSH-1201A	2A,	note-1	2 nos. of ½" NPTF cable entries	
				OWS pump 999-PA-1201A stop	999-HSL-1201A	24VDC			
42.	999-PA-1201B_PBS (Spare)	Pushbutton station with 2 pushbuttons		OWS pump 999-PA-1201B start	999-HSH-1201B	2A,	note-1	2 nos. of ½" NPTF cable entries	
				OWS pump 999-PA-1201B stop	999-HSL-1201B	24VDC			
43.	999-PA-1202A_PBS (Spare)	Pushbutton station with 2 pushbuttons		OWS pump 999-PA-1202A start	999-HSH-1202A	2A,	note-1	2 nos. of ½" NPTF cable entries	
				OWS pump 999-PA-1202A stop	999-HSL-1202A	24VDC			
44.	999-PA-1202B_PBS (Spare)	Pushbutton station with 2 pushbuttons		OWS pump 999-PA-1202B start	999-HSH-1202B	2A,	note-1	2 nos. of ½" NPTF cable entries	
				OWS pump 999-PA-1202B stop	999-HSL-1202B	24VDC			
45.	999-PA-1701A_PBS (Spare)	Pushbutton station with 2 pushbuttons		SS pump 999-PA-1701A start	999-HSH-1701A	2A,	note-1	2 nos. of ½" NPTF cable entries	
				SS pump 999-PA-1701A stop	999-HSL-1701A	24VDC			
46.	999-PA-1701B_PBS (Spare)	Pushbutton station with 2 pushbuttons		SS pump 999-PA-1701B start	999-HSH-1701B	2A,	note-1	2 nos. of ½" NPTF cable entries	
				SS pump 999-PA-1701B stop	999-HSL-1701B	24VDC			
47.	999-PA-1702A_PBS (Spare)	Pushbutton station with 2 pushbuttons		SS pump 999-PA-1702A start	999-HSH-1702A	2A,	note-1	2 nos. of ½" NPTF cable entries	
				SS pump 999-PA-1702A stop	999-HSL-1702A	24VDC			
48.	999-PA-1702B_PBS (Spare)	Pushbutton station with 2 pushbuttons		SS pump 999-PA-1702B start	999-HSH-1702B	2A,	note-1	2 nos. of ½" NPTF cable entries	
				SS pump 999-PA-1702B stop	999-HSL-1702B	24VDC			
49.	628-MOV-1201_LAMP	Lamp station with 2 lamps only		MOV open status	628-ZLH-1201	2A,	note-1	2 nos. of ½" NPTF cable entries	
				MOV close status	628-ZLL-1201	24VDC			
50.	101-EA-0101_PBS-A	Pushbutton station with 2 pushbuttons		Solvent recovery column cooler 101-EA-0101A start	101-HS-16401A	2A,	note-1	2 nos. of ½" NPTF cable entries	
				Solvent recovery column cooler 101-EA-0101A stop	101-HS-16401B	24VDC			
51.	101-EA-0101_PBS-B	Pushbutton station with 2 pushbuttons		Solvent recovery column cooler 101-EA-0101B start	101-HS-16402A	2A,	note-1	2 nos. of ½" NPTF cable entries	
				Solvent recovery column cooler 101-EA-0101B stop	101-HS-16402B	24VDC			
52.	101-PA-0005A_PBS	Pushbutton station with 2 pushbuttons		CBD pump 101-PA-0005A start	101-HS-04002A	2A,	note-1	2 nos. of ½" NPTF cable entries	
				CBD pump 101-PA-0005A stop	101-HS-04002B	24VDC			
53.	101-PA-0005B_PBS	Pushbutton station with 2 pushbuttons		CBD pump 101-PA-0005B start	101-HS-04004A	2A,	note-1	2 nos. of ½" NPTF cable entries	
				CBD pump 101-PA-0005B stop	101-HS-04004B	24VDC			
54.	102-MOV-34201_PBS	Pushbutton station with 2 pushbuttons		PP 102-MOV-34201 open	102-HSH-34201	2A,	note-1	2 nos. of ½" NPTF cable entries	
				PP 102-MOV-34201 close	102-HSL-34201	24VDC			

55.	102-MOV-34201_LAMP	Lamp station with 2 lamps only		MOV 102-MOV-34201 open status	102-ZLH-34201	2A, 24VDC	note-1	2 nos. of ½" NPTF cable entries	
				MOV 102-MOV-34201 close status	102-ZLL-34201				
56.	102-MOV-34202_PBS	Pushbutton station with 2 pushbuttons		PP 102-MOV-34202 open	102-HSH-34202	2A, 24VDC	note-1	2 nos. of ½" NPTF cable entries	
				PP 102-MOV-34202 close	102-HSL-34202				
57.	102-MOV-34202_LAMP	Lamp station with 2 lamps only		MOV 102-MOV-34202 open status	102-ZLH-34202	2A, 24VDC	note-1	2 nos. of ½" NPTF cable entries	
				MOV 102-MOV-34202 close status	102-ZLL-34202				
58.	102-PA-9903A_PBS	Pushbutton station with 2 pushbuttons		WDK booster pump 102-PA-9903A start	102-HSH-9903A	2A, 24VDC	note-1	2 nos. of ½" NPTF cable entries	
				WDK booster pump 102-PA-9903A stop	102-HSL-9903A				
59.	102-PA-9903B_PBS	Pushbutton station with 2 pushbuttons		WDK booster pump 102-PA-9903B start	102-HSH-9903B	2A, 24VDC	note-1	2 nos. of ½" NPTF cable entries	
				WDK booster pump 102-PA-9903B stop	102-HSL-9903B				
60.	000-PBS-SP01 (SPARE)	Pushbutton station with 2 pushbuttons				2A, 24VDC	note-1	2 nos. of ½" NPTF cable entries	
61.	000-PBS-SP02 (SPARE)	Pushbutton station with 2 pushbuttons				2A, 24VDC	note-1	2 nos. of ½" NPTF cable entries	
62.	000-PBS-SP03 (SPARE)	Pushbutton station with 2 pushbuttons				2A, 24VDC	note-1	2 nos. of ½" NPTF cable entries	
63.	000-PBS-SP04 (SPARE)	Pushbutton station with 2 pushbuttons				2A, 24VDC	note-1	2 nos. of ½" NPTF cable entries	
64.	000-XLS-SP01 (SPARE)	Lamp station with 2 lamps only				2A, 24VDC	note-1	2 nos. of ½" NPTF cable entries	
65.	000-XLS-SP02 (SPARE)	Lamp station with 2 lamps only							
66.	000-XLS-SP03 (SPARE)	Lamp station with 2 lamps only							

Notes

- Enclosure shall be certified weatherproof to IP65 and certified Flameproof (Exd), suitable for zone-2, gas group IIC, T3.
- Each pushbutton station and lamp station shall be provided with mounting accessories like U-clamps and nut-bolt sets suitable for mounting on a 2" NB pipe stanchion. MOC of u-clamps, bolts and nuts shall be minimum SS304.
- All cable entries shall be from bottom only. All cable entries shall be furnished with pre-installed double compression type, certified Exd (explosion-proof) SS cable glands.
- TYPE AND COLOUR OF PUSHBUTTON / LAMPS**

Open / start pushbuttons shall be 'make-contact' type when activated (pulled, with mushroom head) and they shall be momentary type with spring return. Color of open pushbutton: Green

Close / stop pushbuttons shall be 'make-contact' type when activated (pressed) and they shall be 'stay-put' type, 'rotate-to-release' type. Color of close pushbutton: Red

The push-buttons shall be with 1 NO + 1 NC contacts with corresponding 2 nos. ½" NPTF cable entries per pushbutton, with 1 no. cable entry plugged with removable SS304 'Exd' certified cable plug. Cable terminations shall be through screwless terminal blocks. Cable shrouds (PVC sleeves) shall be provided over the cable glands.

The pushbutton station shall be provided with tamper-proof protection cover.

Lamps shall be LED type, 'continuously-lit' type (not flashing / blinking type) and rated for continuous operation. Lamps shall be loop-powered through 24VDC, no separate power supply shall be provided.

Lamp color for open / running indication: Green; Lamp color for closed / stopped indication: Red.
- All pushbutton and lamp stations shall be provided with SS tag plates for station tag no., station description, pushbutton / lamp tag no. and pushbutton / lamp description.
- PESO certificate shall be submitted to Purchaser / Owner.

H. KEY LOCK SWITCH: 5 nos. (MR Item No.- 01.59)

Sl. no.	Tag no.	Description	Enclosure type	Cable entry
1.	101-HS-18604	PDH heater low firing permissive	Note-2	Note-4
2.	101-KS-SP01	SPARE	Note-2	Note-4
3.	101-KS-SP02	SPARE	Note-2	Note-4
4.	101-KS-SP03	SPARE	Note-2	Note-4
5.	101-KS-SP04	SPARE	Note-2	Note-4

Notes:

- Key switch shall necessitate key insertion for its actuation. Each key switch station shall be provided with 4 identical keys; Each key shall be embossed with tag no. of its parent keyswitch station's tag no. and each key shall be of SS material of construction
- Key switch shall be of two position type (make-before-break type) with separate contacts for both positions. Purchaser shall use separate pair cables for each position of the key switch. Key switch shall have a cover (hinged at top) requiring to be opened before access to key switch.
- Key switch station shall be Weather-Proof to IP 65 and Explosion-proof (Exd) type certified suitable for Zone 2, Gas Group IIC, T3.

4. The key switch station shall be provided with mounting accessories like U-Clamp, Bolts & nuts suitable for mounting on 2" pipe. MOC of u-clamps, bolts and nuts shall be minimum SS304.
5. The key switch shall be with 1 NO + 1 NC and the contact rating shall be 2A, 24 V DC. Cable terminations shall be through screwless terminal blocks. Two (2) nos. of cable entries of size 1/2" NPT shall be provided for each position of the key switch and all cable entries shall be bottom-entries and shall be furnished with pre-installed double compression type, certified Exd (explosion-proof) SS cable glands. Cable shrouds (PVC sleeves) shall be provided over the cable glands. Key switch station shall be provided with SS tag plate.
6. PESO certificate shall be submitted to Purchaser / Owner.

10.0 Make of equipments /components shall be as below:

Make of various equipments/components shall be as per attached doc. (B862-000-16-50-VL-0510).

TABLE-1

MR Item No./Tag no.	Offered Model No.	Voltage Rating	Lumens output (Lumens)		Luminous efficacy (Lm/watt)		Wattage (Watts)		L70 life at 45 deg C		Overall Power factor	Type test certificate (Yes / No)
			Fixture	LED	Fixture	LED	Fixture	LED	Fixture	LED		



LIGHTING FIXTURE SCHEDULE (HAZARDOUS AREA)

PROJECT : PDH PP PLANT WITH ETHANE AND PROPANE
HANDLING FACILITIES AT DAHEJ, GUJARAT

CLIENT : M/s PETRONET LNG LIMITED (PLL)

CONSULTANT : ENGINEERS INDIA LIMITED
/PMC

JOB NO. : B862

B	30.04.26	REVISED & ISSUED WITH TENDER	SP	PK	SA
A	18.09.24	ISSUED WITH TENDER	MB	PK	SA
Rev	Date	Purpose	Prepared By	Checked By	Approved By

OUTDOOR TYPE FIXTURES			
LIGHTING FIXTURE (Ex-d/Ex-de/Ex-n/Ex-nR) SUITABLE FOR ZONE-1 & ZONE-2 AREA			
Fixture type	Description	Wattage	Manufacturer Type Designation
EX-LED-1	Weatherproof, non-sparking restricted breathing type Ex-nR well glass LED lighting fixture complete with LED lamp, driver accessories including other materials as applicable for installation suitable for Zone-2 classified areas, total lumen output in the range of 6000-6500 lumens, with minimum efficacy greater than 100 lumens/watt.		As per vendor list
EX-LED-1 IIA /B - 22	Same as EX-LED-1 but suitable for zone-22, dust group—IIIB and temp class-T4		As per vendor list
EX-LED-1B	Same as EX-LED-1 but with total lumen output in the range of 4000-4500 lumens.		As per vendor list
EX-LED-1B IIA/B-22	Same as EX-LED-1B but suitable for zone-22, dust group—IIIB and temp class-T4		As per vendor list
EX-LED-2	Same as LED-1 but with total lumen output in the range of 10000-10500 lumens.		As per vendor list
EX-LED-3	Same as LED-1 but with total lumen output in the range of 15000-15500 lumens.		As per vendor list
EX-LED-4	Weatherproof, non-sparking restricted breathing type Ex-nR flood light LED lighting fixture complete with LED lamps, driver accessories, including other materials as applicable for installation, total lumen output in the range of 10000-10500 lumens with minimum efficacy greater than 100 lumens/watt.		As per vendor list
EX-LED-5	Same as EX LED 4 but with lumen output in the range of 15000-15500 lumens.		As per vendor list
FLP-LED-1	Flameproof and weatherproof Ex-d type well glass LED lighting fixtures complete with LED, driver, accessories, including other materials as applicable for installation, suitable for gas group IIA/IIIB temperature class T3, total lumen output in the range of 6000-6500 lumen with minimum efficiency greater than 100 lumen /watt.		As per vendor list

Signature Not Verified

Digitally signed by MOHIT KUMAR GAUTAM

Date: 2026.05.11 11:55:48 IST

Location: eProcure-EROC