

MADHYA PRADESH HOUSING AND INFRASTRUCTURE DEVELOPMENT BOARD DIVISION – 01 GWALIOR

Appendix - 2.10

Tender Document

(Effective From 01.09.2020)

Basai Datia

MADHYA PRADESH HOUSING AND INFRASTRUCTURE DEVELOPMENT BOARD

Appendix - 2.10 Tender Document

For Percentage Rate only in Works Departments and other Departments similar to Works Departments

Office of the	Executive Engineer M.P. Housing & Infrastructure Development Board Datia M.P.
NIT Number and Date	/Datia/2026-27
Agreement Number and Date	
Name of Work	Construction of Degree College with Development works at Basai Distt. Datia
Name of the Contractor	
Probable Amount of Contract	
(Rs. In Figure):	Rs. 1025.73 Lakhs
(Rs. In Words)	Rs. Ten Crore Twenty Five Lakhs Seventy Three Thousand Only.
(Rs. In Figure):	
(Rs. In Words):	
Stipulated Period of Completion	18 Month I/C Rainy Season

Appendix - 2.10

Tender Document

Table of Contents

Section No	Particulars	Page
Section 1	NIT	4-6
Section 2	Instructions to Bidders (ITB)	7-12
	Bid Data Sheet	13-15
	Annexure -A to M	16-40
Section 3	Table of Clauses	41
	Part - I General Conditions of Contract (GCC)	42-56
	Contract Data	57-61
	Annexure - N to W	62-76
	Part - II Special Conditions of Contract (SCC)	77-83
Section 4	Bill of Quantities (BOQ) (Attached)	84
Section 5	Agreement Form	85
List of Approved material		86-114
Circular		115-118

SECTION 1

Notice Inviting e-Tenders

Office of the - Executive Engineer M.P. Housing & Infrastructure Development Board Datia M.P.

N.I.T. No : - /e-tendering /Datia/2026-27

dated :

Online percentage rate on bids for the following works are invited from registered contractors and firms of repute fulfilling registration criteria:

S. No.	Work	District	Probable Amount (Rs. in lakh)	Completion Period(months)
1	Construction of Degree College with Development works at Basai Distt. Datia	Datia	1025.73	18 Month I/C Rainy Season

1. Interested bidders can view the NIT On website [http:// www.mptenders.gov.in](http://www.mptenders.gov.in)
2. The Bid Document can be purchased only online from (time) (date) to PM (time) (date)
3. Amendments to NIT, if any, would be published on website only, and not in newspaper.

Executive Engineer
MPHIDB Div- 01 Gwalior

Notice Inviting Tender

Office of the - Executive Engineer M.P. Housing & Infrastructure Development Board Division 01 Gwalior M.P.

N.I.T. No : - /e-tendering /Gwalior/2026-27

dated :

Online percentage rate on bids for the following works are invited from registered contractors and firms of repute fulfilling registration criteria:

S no	Name of Work	District	P.A.C. (in Lakh)	EMD (in Rs)	Cost of Bid Document (In Rs)	Category of Contractor (Registered in centralized registration system of MPPWD)	Period of Completion (in Months)
1	Construction of Degree College with Development works at Basai Distt. Datia	Datia	1025.73	1000000	35400.00 i/c GST	centralized registration system of MPPWD)	18 (Eighteen) Month I/C Rainy Season

1. All details relating to the Bid Document(s) can be viewed and downloaded free of cost on the website.
2. Bid Document can be purchased after making online payment of bid document & portal fees through Credit / Debit / Cash Card / internet banking.
3. Interested bidders can view the NIT On website [http:// www.mptenders.gov.in](http://www.mptenders.gov.in)
4. The Bid Document can be purchased only online from (time) (date) to PM (time) (date)
5. Amendments to NIT, if any, would be published on website only, and not in newspaper.
6. Any error in printing of SOR items, specification and rates etc shall be read as original items of SOR.
7. At the time of submission of the Bid the eligible bidder shall be required to:
 - i) Pay the cost of Bid Document
 - ii) Deposit the Earnest Money
 - iii) Submit an affidavit.
 - iv) The bidder shall be required to produce valid GST registration Certificate and GSTIN Number.
 - v) Organization details, Registration Number/ or Proof of Application for Registration Details can be seen in the Bid Data Sheet.
 - vi) Pan card

8. ELIGIBILITY FOR BIDDERS:

- (a) At the time of submission of the Bid the bidder should have valid registration with the **centralized registration system of MPPWD**. However, such bidders who are not registered with the Government of Madhya Pradesh and are eligible for registration can also submit their bids after having applied for registration with appropriate authority.
- (b) The bidder would be required to have valid registration at the time of signing of the Contract.
- (c) Failure to sign the contract by the selected bidder, for what so ever reason, shall result in forfeiture of the earnest money deposit.
- (d) The bidder shall be required to produce valid GST registration Certificate and GSTIN Number.
- 9. Pre-qualification** – Prequalification conditions, wherever applicable, are given in the Bid Data Sheet.
- 10. Special Eligibility** - Special Eligibility Conditions, if any, are given in the Bid Data Sheet.
- ~~11. As per the provisions of The Real Estate (Regulation and Development) Act, 2016 and The Real Estate (Regulation and Development) Rule, 2016 the rate of interest is payable as per State Bank of India PLR/MCLR, plus two percent and compensation, if any, to the allottee for the delay occurred in handing over of possession beyond the stipulated date. Interest and compensation payable to the allottee shall be recovered from the contractor for the period of delay attributed to him as per contract. The interest payable shall be on the money deposited by the allottee. (Not applicable for deposit work)~~

Executive Engineer
MPHIDB Division 01 Gwalior

SECTION 2

INSTRUCTIONS TO BIDDERS (ITB)

A. GENERAL

1. SCOPE OF BID

The detailed description of work, hereinafter referred as 'work', is given in the Bid Data Sheet.

2. General Quality of Work:

The work shall have to be executed in accordance with the technical specifications specified in the Bid Data sheet/ Contract Data, and shall have to meet high standards of workmanship, safety and security of workmen and works.

3. PROCEDURE FOR PARTICIPATION IN E-TENDERING

The procedure for participation in e-tendering is given in the Bid Data Sheet.

4. ONE BID PER BIDDER

4.1 ~~The bidder can be an individual entity or a joint venture (if permitted as per Bid Data Sheet). In case the J.V. is permitted, the requirement of joint venture shall be as per the Bid Data Sheet.~~

4.2 No bidder shall be entitled to submit more than one bid whether jointly or severally. If he does so, all bids wherein the bidder has participated shall stand disqualified.

5. Cost of Bidding

The bidder shall bear all costs associated with the preparation and submission of his bid, and no claim whatsoever for the same shall lie on the Board.

6. Site Visit and examination of works

The bidder is advised to visit and inspect the Site of Works and its surroundings and obtain for itself on its own responsibility all information that may be necessary for preparing the bid and entering into a contract for construction of the work. All costs in this respect shall have to be borne by the bidder.

B. Bid Documents

7. CONTENT OF BID DOCUMENTS

The Bid Document comprises of the following documents:

1. NIT with all amendments.
2. Instructions to Bidders, Bid Data Sheet with all Annexures
3. Conditions of Contract:
 - i. Part-I General Conditions of Contract and the Contract Data with all Annexures and
 - ii. Part-II Special Conditions of Contract.
4. Specifications
5. Drawings

6. Priced Bill of Quantities
 7. Technical and Financial Bid
 8. Letter of Acceptance
 9. Agreement, and
 10. Any other document(s), as specified.
8. The bidder is expected to examine carefully all instructions, conditions of contract, the **contract data**, forms, terms and specifications, bill of quantities, forms and drawings in the Bid Document. Bidder shall be solely responsible for his failure to do so.
9. **Pre Bid Meeting (where applicable)**
- ~~Wherever the Bid Data Sheet provides for pre bid meeting:~~
- ~~9.1 Details of venue, date and time would be mentioned in the Bid Data Sheet. Any change in the schedule of pre bid meeting would be communicated on the website only, and intimation to bidders would not be given separately.~~
 - ~~9.2 Any prospective bidder may raise his queries and/or seek clarifications in writing before or during the pre bid meeting. The purpose of such meeting is to clarify issues and answer questions on any matter that may be raised at that stage. The Employer may, at his option, give such clarifications as are felt necessary.~~
 - ~~9.3 Minutes of the pre bid meeting including the gist of the questions raised and the responses given together with an report prepared after the meeting will be hosted on the website.~~
 - ~~9.4 Pursuant to the pre bid meeting if the Employer deems it necessary to amend the Bid Document, it shall be done by issuing amendment to the online NIT.~~
10. **Amendment of Bid Documents**
- 10.1 Before the deadline for submission of bids, the Employer may amend or modify the Bid Documents by publication of the same on the website.
 - 10.2 All amendments shall form part of the Bid Document.
 - 10.3 The Employer may, at its discretion, extend the last date for submission of bids by publication of the same on the website.
- C. Preparation of Bid**
11. The bidders have to prepare their bids online, encrypt their Bid Data in the Bid Forms and submit Bid Seals (Hashes) of all the envelopes and documents related to the Bid required to be uploaded as per the time schedule mentioned in the key dates of the Notice Inviting e-Tenders after signing of the same by the Digital Signature of their authorized representative.
12. **DOCUMENTS COMPRISING THE BID**
- The bid submitted online by the bidder shall be in the following parts:
- Part 1** – This shall be known as Online **Envelope A** and would apply for all bids. Online **Envelope A** shall contain the following as per details given in the Bid Data Sheet:
- i) Registration number or proof of application for registration and organizational details in format given in the Bid Data Sheet.
 - ii) Payment of the cost of Bid Document;
 - iii) Earnest Money; and
 - iv) An affidavit duly notarized.
 - v) Valid GST Registration Certificate and GSTIN Number.
 - vi) Pan card

Part 2– This shall be known as Online **Envelope B** and required to be submitted only in works where pre-qualification conditions and/or special eligibility conditions are stipulated in the Bid Data Sheet. Online **Envelope B** shall contain a self-certified sheet duly supported by documents to demonstrate fulfillment of pre-qualification conditions.

Part 3 – This shall be known as Online **Envelope C** and would apply to all bids. **Envelope C** shall contain financial offer in the prescribed format enclosed with the Bid Data Sheet.

13. Language

The bid as well as all correspondence and documents relating to the bid exchanged by the Bidder and the Employer shall be in English or Hindi. 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 English. In such case, for the purposes of interpretation of the bid, such translation shall govern.

14. TECHNICAL PROPOSAL

14.1 Only, in case of bids with pre-qualification conditions defined in the Bid Data Sheet, the Technical Proposal shall comprise of formats and requirements given in the Bid Data Sheet.

14.2 All the documents/ information enclosed with the Technical Proposal should be self-attested and certified by the bidder. The Bidder shall be liable for forfeiture of his earnest money deposit, if any document / information are found false/ fake/ untrue before acceptance of bid. If it is found after acceptance of the bid, the bid sanctioning authority may at his discretion forfeit his performance security/ guarantee, security deposit, enlistment **deposit** and take any other suitable action.

15. FINANCIAL BID

i. The bidder shall have to quote rates in format referred in Bid Data Sheet, in overall percentage, and not item wise. If the bid is in absolute amount, overall percentage would be arrived at in relation to the probable amount of contract given in NIT. The overall percentage rate would apply for all items of work.

ii. Percentage shall be quoted in figures as well as in words. If any difference in figures and words is found, lower of the two shall be taken as valid and correct.

iii. The Rate quoted by the contractor shall be exclusive of the GST but inclusive of all other levies, duties, cess, toll, taxes of central and state Governments, local bodies and authorities. GST shall be paid by the MPHIDB at the time of bill raising rate prevailing, A part from GST, all other levies, duties, cess, toll, taxes of central and state Governments, local bodies and authorities shall be borne by the contractor and payable by the contractor. It is deemed to be included in the financial offer submitted by the contractor that apart from GST, all other taxes are included in the financial offer.

केन्द्र सरकार, राज्य सरकार तथा म.प्र. गृह निर्माण एवं अधोसंरचना विकास मण्डल द्वारा प्रकरण में गुण-दोष के आधार पर जो भी निर्देश संशोधन किये जायेंगे, वह निविदाकर्ता पर मान्य होंगे।

Contractor shall produce the proof of deposit of GST to Govt. paid by the MPHIDB against the bill. Next payment of bill shall only be payable after due verification of GST payment to Govt. verified by E.E. of concerned Division. (The Amendment issued by the AHC, HO, Bpl's Circular No. 60 dated 23.09.2017).

iv. The material along with the units and rates, which shall be issued, if any, by the department to the contractor, is mentioned in the Bid Data Sheet.

16. PERIOD OF VALIDITY OF BIDS

The bids shall remain valid for a period specified in the Bid Data Sheet after the date of “close for bidding” as prescribed by the Employer. The validity of the bid can be extended by mutual consent in writing.

17. EARNEST MONEY DEPOSIT (EMD)

- 17.1 The Bidder shall furnish, as part of the Bid, Earnest Money Deposit (EMD), in the amount specified in the Bid Data Sheet.
- 17.2 "EMD/ Bid Security shall be submitted only online using options available in the tender portal within the specified time limit. Bidder are advised to process it well in advance. No claim shall be entertained due to delay in online transactions via payment St gateway/banking portal."
- 17.3 Bid not accompanied by EMD shall be liable for rejection as non-responsive.
- 17.4 EMD of bidders whose bids are not accepted will be returned within ten working days of the decision on the bid.
- 17.5 EMD of the successful Bidder will be discharged when the Bidder has signed the Agreement after furnishing the required Performance Security.
- 17.6 Failure to sign the contract by the selected bidder, within the specified period, for whatsoever reason, shall result in forfeiture of the earnest money deposit.

D. Submission of Bid

- 18. The Bidder is required to submit digitally signed Bid ie. Envelop A, B & C Online only. No physical submission of the Bid will be accepted except in exceptional case under clause 19.7."

E. Opening and Evaluation of Bid

19. PROCEDURE

- 19.1 Envelope 'A' shall be opened first online at the time and date notified and its contents shall be checked. In cases where Envelop 'A' does not contain all requisite documents, such bid shall be treated as non-responsive, and Envelop B and/or C of such bid shall not be opened.
- 19.2 Wherever Envelop 'B' (Technical Bid) is required to be submitted, the same shall be opened online at the time and date notified. The bidder shall have freedom to witness opening of the Envelop 'B'. Envelop 'C' (Financial Bid) of bidders who are not qualified in Technical Bid (Envelop 'B') shall not be opened.
- 19.3 Envelope 'C' (Financial Bid) shall be opened online at the time and date notified. The bidder shall have freedom to witness opening of the Envelop 'C'.
- 19.4 After opening Envelop 'C' all responsive bids shall be compared to determine the lowest evaluated bid.
- 19.5 The Employer reserves the right to accept or reject any bid, and to annul the bidding process and reject all the bids at any time prior to contract award, without incurring any liability. In all such cases reasons shall be recorded.
- 19.6 The Employer reserves the right of accepting the bid for the whole work or for a distinct part of it.
- 19.7 "In exceptional case, if physical submission of certain documents is found essential, then expressed prior permission must be obtained in writing by the tender issuing authority from an authority, as authorized by the State Government. In such a case, such documents are required to be submitted physically at the place and date specified in the Bid Data Sheet. In case of any mismatch in the documents submitted in the physical form and that uploaded or ic online, or if the contractor fails to submit the document physically, the bid shall be liable for rejection as non-responsive."

20. Confidentiality

- 20.1 Information relating to examination, evaluation, comparison and recommendation of contract award shall not be disclosed to bidders or any other person not officially concerned with such process until final decision on the bid.
- 20.2 Any attempt by a bidder to influence the Employer in the evaluation of the bids or contract award decisions may result in the rejection of his bid.

F. Award of Contract

21. Award of Contract

"The Employer shall notify the successful bidder by issuing a Letter of Acceptance (LOA) that his bid has been accepted. The original copy of affidavit will have to be submitted by the successful bidder at the time of signing of the contract."

22. Performance Security

22.1 Prior to signing of the Contract the bidder to whom LOA has been issued shall have to furnish performance security of the amount in the form and for the duration, etc. as specified in the Bid Data Sheet.

22.2 Additional performance security, if applicable, is mentioned in the Bid Data Sheet and shall be in the form and for the duration, etc. similar to Performance Security.

23. Signing of Contract Agreement

23.1 The successful bidder shall have to furnish Performance Security and Additional Performance Security, if any, and sign the contract agreement within 15 days of issue of LOA.

23.2 The signing of contract agreement shall be reckoned as intimation to commencement of work. No separate work order shall be issued by the Employer to the contractor for commencement of work.

23.3 In the event of failure of the successful bidder to submit Performance Security and Additional Performance Security, if any or sign the Contract Agreement, his EMD shall stand forfeited without prejudice to the right of the employer for taking any other action against the bidder.

24. CORRUPT PRACTICES

The Employer requires that bidders observe the highest standard of ethics during the procurement and execution of contracts. In pursuance of this policy, the Employer:

- i. may reject the bid for award if it determines that the bidder recommended for award has, directly or through an agent, engaged in corrupt, fraudulent, collusive, or coercive practices in competing for the Contract; and
- ii. may debar the bidder declaring ineligible, either indefinitely or for a stated period of time, to participate in bids, if it at any time determines that the bidder has, directly or through an agent, engaged in corrupt, fraudulent, collusive, or coercive practices in competing for, or in executing, a contract. For the purposes of this provision, the terms set forth above are defined as follows:
 - a. "corrupt practice" means the offering, giving, receiving, or soliciting, directly or indirectly, anything of value to influence improperly the actions of another party;
 - b. "fraudulent practice" means any act or omission, including a misrepresentation, that knowingly or recklessly misleads, or attempts to mislead, a party to obtain a financial or other benefit or to avoid an obligation;
 - c. "coercive practice" means impairing or harming, or threatening to impair or harm, directly or indirectly, any party or the property of the party to influence improperly the actions of a party;
 - d. "collusive practice" means an arrangement between two or more parties designed to achieve an improper purpose, including influencing improperly the actions of another party.

25. The Rate quoted by the contractor shall be exclusive of the GST but inclusive of all other levies, duties, cess, toll, taxes of central and state Governments, local bodies and authorities. GST shall be paid by the MPHIDB at the time of bill raising rate prevailing, A part from GST, all other levies, duties, cess, toll, taxes of central and state Governments, local bodies

and authorities shall be borne by the contractor and payable by the contractor. It is deemed to be included in the financial offer submitted by the contractor that apart from GST, all other taxes are included in the financial offer.

केन्द्र सरकार, राज्य सरकार तथा म.प्र. गृह निर्माण एवं अधोसंरचना विकास मण्डल द्वारा प्रकरण में गुण-दोष के आधार पर जो भी निर्देश संशोधन किये जायेंगे, वह निविदाकर्ता पर मान्य होंगे।

Contractor shall produce the proof of deposit of GST to Govt. paid by the MPHIDB against the bill. Next payment of bill shall only be payable after due verification of GST payment to Govt. verified by E.E. of concerned Division. (The Amendment issued by the AHC, HO, Bpl's Circular No. 60 dated 23.09.2017).

[End of ITB]

Executive Engineer
MPHIDB Division 01 Gwalior

Bid Data Sheet		
GENERAL		
Sr. no.	Particulars	Data
1.	Office inviting tender	Executive Engineer M.P. Housing & Infrastructure Development Board Datia M.P.
2.	NIT No	/e-tendering /Datia/2026-27
3.	Date of NIT	dated :
4.	Bid document download available from date & time	as per e-tender key dates
5.	Website link	http://www.mptenders.gov.in
SECTION 1 – NIT		
Clause Reference	Particulars	Data
2.	Portal fees	As Notified on e-tender website
3.	Cost of bid document	Rs. 30000.00+5400.00 (GST)
	Cost of bid document Payable at	Gwalior
	Cost of bid document In favour of	Executive Engineer M.P. Housing & Infrastructure Development Board Division-01 Gwalior
4.	Affidavit format	Annexure B
5.	Pre-qualifications required	Yes
	If Yes, details	As per Annexure C (ENCLOSED)
6.	Special Eligibility	No
	If yes, details	~~Annexure D~~ (Not Applicable)
7.	Key dates	Annexure A

SECTION 2 – ITB

Clause Reference	Particulars	Data
1.	Name of work	Construction of Degree College with Development works at Basai Distt. Datia
2.	Specifications	Annexure – E As per MPPWD
3.	Procedure for participation in e-tendering	Annexure – F
4.	Whether Joint Venture is allowed	NOT APPLICABLE
	If yes, requirement for Joint Venture	NOT APPLICABLE
9.	Pre-bid meeting to be held	NOT APPLICABLE
	If yes, Date, Time and Place	Date : NOT APPLICABLE Time from : NOT APPLICABLE Place : NOT APPLICABLE
12.	Envelope- A containing : i. Registration number or proof of application for registration and organizational details as per Annexure –H ii. Cost of Bid Document iii. EMD iv. An affidavit duly notarized as per Annexure – B v.Valid GST Registration Certificate: vi. Pan card	At the Office of the EE-1,MPHIDB, Gwalior Rs. 35400.00 (Inc. GST) Rs. 1000000.00
14.	Envelope-B Technical Proposal	Annexure-I and Annexure - I (Format I-1 to I-5)
15.	Envelope-C Financial Bid	Annexure-J
	Materials to be issued by the department	NOT APPLICABLE

16.	Period of Validity of Bid	1	Tenders with in the Competence of sanction of Executive Engineer	30 Days
		2	Tenders with in the Competence of sanction of Deputy Housing Commissioner	45 Days
		3	Tenders with in the Competence of sanction of Additional Housing Commissioner	60 Days
		4	Tenders with in the Competence of sanction of Housing Commissioner	90 Days
		5	Tenders with in the Competence of sanction of Chairman	90 Days
		6	Tenders with in the Competence of sanction of Board	120 Days
17.	Earnest Money Deposit	Rs. 1000000.00		
	Forms of Earnest Money Deposit	i. Fixed Deposit Receipt/Internet Banking or ii. Demand draft of a scheduled commercial Bank iii. As per mp tenders portal		
	EMD valid for a period of	EMD Shall be valid of Six month or more		
21.	Letter of Acceptance (LoA)	Annexure-L		
22.	Amount of Performance Security	3% of Contract Amount.		
	Additional Performance Security, if any	Additional Performance Security will be charged in case of 10% Below rates and it will be the difference in rates below 10% with multiplication of PAC amount. And more than 20% Below rates and it will be the difference in rates below 20% with 2(Two times) multiplication of PAC amount as per Circular issued by the AHC-1, MPHIDB, HO, Bhopal's Vide No. 91 dated 31.07.2025		
	Performance security in the format	Annexure M		
	Performance security in favour of	EXECUTIVE ENGINEER MP HOUSING AND INFRASTRUCTURE DEVELOPMENT BOARD DIVISION 01 GWALIOR (M.P)		
	Performance security valid up to	Defect Liability period 5 years plus 3 months (5 Year + 3 Month)		

KEY DATES

S. No	Works Department Stage	Bidder's Stage	Start		Expiry		Envelopes
			Date	Time	Date	Time	
1		Purchase of Tender - Online				1	
2		Bid Submission - Online				2	
3	Mandatory Submission Open (Envelop- A)	As per online key Dates				3	Mandatory Submission Open (Envelop- A)
4	Technical Proposal open (PQ Envelope -B)					4	Technical Proposal open (PQ Envelope -B)
5	Financial Bid Open (Envelope -C)		After Technical Evelution			5	Financial Bid Open (Envelope -C)

AFFIDAVIT
(To be contained in Envelope A)

I/we _____ who is/ are _____ (status in the firm/ company) and competent for submission of the affidavit on behalf of M/S _____ (contractor) do solemnly affirm an oath and state that:

I/we am/are fully satisfied for the correctness of the certificates/records submitted in support of the following information in bid documents which are being submitted in response to notice inviting e-tender No. _____ for _____ (name of work) dated _____ issued by the _____ (name of the department).

I/we am/ are fully responsible for the correctness of following self-certified information/ documents and certificates:

1. That the self-certified information given in the bid document is fully true and authentic.
2. That:
 - a. Term deposit receipt deposited as earnest money, demand draft for cost of bid document and other relevant documents provided by the Bank are authentic.
 - b. Information regarding financial qualification and annual turnover is correct.
 - c. Information regarding various technical qualifications is correct.
3. No close relative of the undersigned and our firm/company is working in the department.

OR

Following close relatives are working in the department:

Name _____ Post _____ Present Posting _____

Signature with Seal of the Deponent (bidder)

I/ We, _____ above deponent do hereby certify that the facts mentioned in above paras 1 to 3 are correct to the best of my knowledge and belief.

Verified today _____ (dated) at _____ (place).

Signature with Seal of the Deponent (bidder)

PRE-QUALIFICATIONS CRITERIA

The bidder should have:

A. Financial

- i. experience of having successfully executed:
 - a) three similar works, each costing not less than the amount equal to 20% of the probable amount of contract during the last 5 financial years; or
 - b) two similar works, each costing not less than the amount equal to 30% of the probable amount of contract during the last 5 financial years; or
 - c) one similar work of aggregate cost not less than the amount equal to 50% of the probable amount of contract in any one financial year during the last (Preceding) 5 financial years;
- ii. Average annual construction turnover on the construction works not less than 50% of the probable amount of contract during the last 5 financial years.
- iii. Executed similar items of work in any one financial year during the last 5 financial years, which should not be less than the minimum, physical requirement, if any, fixed for the work.
- iv. **Bid Capacity** – Bidder shall be allotted work up to his available Bid Capacity, which shall be worked out as given in format I-2 of Annexure I.

B. Physical

~~Physical qualifications for the work shall be as below~~

S.No	Particulars	Quantity	Period
1	Physical qualification required	Yes	Yes
2	Brick Masonry work		
3	Concrete work		
4	Steel (Reinforcement)		

~~(The Employer shall specify all physical qualifications required).~~

~~**Note:** Above criteria are indicative, subject to suitable stipulations by the departments and specific bid.~~

SPECIAL ELIGIBILITY CRITERIA

_____ ~~The bidder should have experience of:~~

_____ ~~A.~~ _____

DELETED

_____ ~~Note: Above criteria are indicative, subject to suitable stipulations by the departments and specific bid.~~

(See clause 2 of Section 2 –ITB & Clause 10 of GCC)

Specifications

1. MP PWD Department Specifications,
2. CPWD Specifications
3. **MP PWD SOR dt 01.01.2024 for Building and internal electrification, (i/c with all up to date amendments)**

PWD SOR dt 11.04.2025 for Road and Bridge work, (i/c with all up to date amendments)

~~MPHIDB SOR dt 01/05/2009 for External Electrification (with all up to date amendments)~~

NON SOR Items

(The soft copy of above specifications is available at departmental website)

www.mphousing.in

The provisions of general / special conditions of contract, those specified elsewhere in the bid document, as well as execution drawings and notes, or other specifications issued in writing by the Employer shall form part of the technical specifications of this work.

Procedure for participation in e-tendering

Set-up of Bidder's Computer System:

In order for a bidder to operate on the e-tendering System, the Computer System of the bidder is required to be set up for Operating System, Internet Connectivity, Utilities, Fonts, etc. The details are available at <https://www.mptenders.gov.in>

1. Bidder should do Online Enrolment in this Portal using the option Click Here to Enroll available in the Home Page. Then the Digital Signature enrollment has to be done with the e-token, after logging into the portal. The e-token may be obtained from one of the authorized Certifying Authorities such as e-Mudhra CA/GNFC/IDRBT/MTNL Trustline /SafeScript /TCS.
2. Bidder then logs into the portal giving user id / password chosen during enrollment.
3. The e-token that is registered should be used by the bidder and should not be misused by others.
4. DSC once mapped to an account cannot be remapped to any other account. It can only be Inactivated.
5. The Bidders can update well in advance, the documents such as certificates, purchase order details etc., under My Documents option and these can be selected as per tender requirements and then attached along with bid documents during bid submission. This will ensure lesser upload of bid documents.
6. After downloading / getting the tender schedules, the Bidder should go through them carefully and then submit the documents as per the tender document, otherwise, the bid will be rejected.
7. The 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 that tender. Bidders are allowed to enter the Bidder Name and Values only.
8. If there are any clarifications, this may be obtained online through the e-Procurement Portal, or through the contact details given in the tender document. Bidder should take into account of the corrigendum published before submitting the bids online.
9. Bidder, in advance, should prepare the bid documents to be submitted as indicated in the tender schedule and they should be in PDF/XLS/RAR/DWF formats. If there is more than one document, they can be clubbed together.
10. Bidder should arrange for the EMD as specified in the tender. The original should be posted/couriered/given in person to the Tender Inviting Authority, within the bid submission date and time for the tender.
11. The bidder reads the terms and conditions and accepts the same to proceed further to submit the bids
12. The bidder has to submit the tender document(s) online well in advance before the prescribed time to avoid any delay or problem during the bid submission process.

13. There is no limit on the size of the file uploaded at the server end. However, the upload is decided on the Memory available at the Client System as well as the Network bandwidth available at the client side at that point of time. In order to reduce the file size, bidders are suggested to scan the documents in 75-100 DPI so that the clarity is maintained and also the size of file also gets reduced. This will help in quick uploading even at very low bandwidth speeds.

14. It is important to note that, **the bidder has to Click on the Freeze Bid Button, to ensure that he/she completes the Bid Submission Process. Bids Which are not Frozen are considered as Incomplete/Invalid bids and are not considered for evaluation purposes.**

15. In case of Offline payments, the details of the Earnest Money Deposit(EMD) document submitted physically to the Department and the scanned copies furnished at the time of bid submission online should be the same otherwise the Tender will be summarily rejected

16. The Tender Inviting Authority (TIA) will not be held responsible for any sort of delay or the difficulties faced during the submission of bids online by the bidders due to local issues.

17. The bidder may submit the bid documents online mode only, through this portal. Offline documents will not be handled through this system.

18. At the time of freezing the bid, the e-Procurement system will give a successful bid updating message after uploading all the bid documents submitted and then a bid summary will be shown with the bid no, date & time of submission of the bid with all other relevant details. The documents submitted by the bidders will be digitally signed using the e-token of the bidder and then submitted.

19. After the bid submission, the bid summary has to be printed and kept as an acknowledgement as a token of the submission of the bid. The bid summary will act as a proof of bid submission for a tender floated and will also act as an entry point to participate in the bid opening event.

20. Successful bid submission from the system means, the bids as uploaded by the bidder is received and stored in the system. System does not certify for its correctness.

21. The bidder should see that the bid documents submitted should be free from virus and if the documents could not be opened, due to virus, during tender opening, the bid is liable to be rejected

22. The time that is displayed from the server clock at the top of the tender Portal, will be valid for all actions of requesting bid submission, bid opening etc., in the e-Procurement portal. The Time followed in this portal is as per Indian Standard Time (IST) which is GMT+5:30. The bidders should adhere to this time during bid submission.

23. All the data being entered by the bidders would be encrypted at the client end, and the software uses PKI encryption techniques to ensure the secrecy of the data. The data entered will not be viewable by unauthorized persons during bid submission and not viewable by any one until the time of bid opening. Overall, the submitted bid documents become readable only after the tender opening by the authorized individual.

24. During transmission of bid document, the confidentiality of the bids is maintained since the data is transferred over secured Socket Layer (SSL) with 256-bit encryption technology. Data encryption of sensitive fields is also done.

25. The bidders are requested to submit the bids through online e-Procurement system to the TIA well before the bid submission end date and time (**as per Server System Clock**)

For any technical related queries please call at 24 x 7 Help Desk Number

0120-4001 002 , 0120-4200 462 , 0120-4001 005 , 0120-6277 787

Executive Engineer,
MP Housing & Infra.Dev.Board,
Div. 01 Gwalior

JOINT VENTURE (J.V.)
(Deleted)

~~If J.V. is allowed following conditions and requirements must be fulfilled—~~

- ~~1. Bids submitted by a joint venture of two or more firms as partners shall comply with the following requirements :
 - ~~a. one of the partners shall be nominated as being **Lead Partner**, and this authorization shall be evidenced by submitting a power of attorney signed by legally authorized signatories of all the partners;~~
 - ~~b. the bid and, in case of a successful bid, the Agreement, shall be signed so as to be legally binding on all partners;~~
 - ~~c. the partner in charge shall be authorized to incur liabilities and receive instructions for and on behalf of any and all partners of the joint venture and the entire execution of the contract, including payment, shall be done exclusively with the partner in charge;~~
 - ~~d. all partners of the joint venture shall be liable jointly and severally for the execution of the contract in accordance with the contract terms, and a statement to this effect shall be included in the authorization mentioned under [c] above, as well as in the bid and in the Agreement [in case of a successful bid];~~
 - ~~e. The joint venture agreement should indicate precisely the role of all members of JV in respect of planning, design, construction, equipment, key personnel, work execution, and financing of the project. All members of JV should have active participation in execution during the currency of the contract. This should not be varied/modified subsequently without prior approval of the employer;~~
 - ~~f. The joint venture agreement should be registered, so as to be legally valid and binding on all partners; and g. a copy of the Joint Venture Agreement entered into by the partners shall be submitted with the bid.~~~~
- ~~2. The figures for each of the partners of a joint venture shall be added together to determine the Bidder's compliance with the minimum qualifying criteria required for the bid. All the partners collectively must meet the criteria specified in full. Failure to comply with this requirement will result in rejection of the joint venture's bid.~~
- ~~3. The performance security of a Joint Venture shall be in the name of the partner **Lead Partner**/joint venture.~~
- ~~4. Attach the power of attorney of the partners authorizing the Bid signatory(ies) on behalf of the joint venture~~
- ~~5. Attach the agreement among all partners of the joint venture [and which is legally binding on all partners], which shows the requirements as indicated in the Instructions to Bidders'.~~

6. —Furnish details of participation proposed in the joint venture as below:

DETAILS OF PARTICIPATION IN THE JOINT VENTURE

<i>PARTICIPATION DETAILS</i>	<i>FIRM 'A' (Lead Partner)</i>	<i>FIRM 'B'</i>	<i>FIRM 'C'</i>
Financial			
Name of the Banker(s)			
Planning			
Construction Equipment			
Key Personnel			
Execution of Work (Give details on contribution of each)			

ORGANIZATIONAL DETAILS
(To be Contained in Envelope - A)

S. No.	Particulars	Details
1.	Registration number issued by Centralized Registration System of Govt. of M.P. or Proof of application for registration.	(If applicable, scanned copy of proof of application for registration to be uploaded)
2.	Valid Registration of bidder in appropriate class through Centralized Registration of Govt. of MP	Registration No. _____ Date_____ (Scanned copy of Registration to be uploaded)
3.	Name of Organization/ Individual/ Proprietary Firm/ Partnership Firm	
4.	Entity of Organization Individual/ Proprietary Firm/ Partnership Firm (Registered under Partnership Act)/ Limited Company (Registered under the Companies Act–1956)/ Corporation/ Joint Venture	
5.	Pan Registration Certificate with Number	
6.	GST Registration Certificate with Number	
7.	Address of Communication	
8.	Telephone Number with STD Code	
9.	Fax Number with STD Code	
10.	Mobile Number	
11.	E-mail Address for all communications	
	Details of Authorized Representative	
12.	Name	
13.	Designation	
14.	Postal Address	
15.	Telephone Number with STD Code	
16.	Fax Number with STD Code	
17.	Mobile Number	
18.	E-mail Address	

Note: In case of partnership firm and limited company certified copy of partnership deed/ Articles of Association and Memorandum of Association along with registration certificate of the company shall have to be enclosed.

Signature of Bidder with Seal Date: _____

Envelope – B, Technical Proposal

Technical Proposal shall comprise the following documents:

Sno	Particulars	Details to be submitted
1	Experience – Financial & Physical	Annexure - I (Format: I-1)
2	Annual Turnover	Annexure - I (Format: I-2)
3	List of technical personnel for the key positions	Annexure - I (Format: I-3)
4	List of Key equipment's/ machines for quality control labs	Annexure - I (Format: I-4)
5	List of Key equipment's/ machines for construction work	Annexure - I (Format: I-5)

Note:

1. *Technical Proposal should be uploaded duly page numbered and indexed.*
2. *Technical Proposal uploaded otherwise will not be considered.*

FINANCIAL & PHYSICAL EXPERIENCE DETAILS

A. Financial Requirement:

The bidder should have completed either of the below:

- a) three similar works each costing not less than the amount equal to 20% of the probable amount of contract during the last (Preceding) 5 financial years 2020-21 to 2024-25
- or
- b) two similar works each costing not less than the amount equal to 30% of the probable amount of contract during the last (Preceding) 5 financial years 2020-21 to 2024-25 ;
- or
- c) one similar work of aggregate cost not less than the amount equal to 50% of the probable amount of contract in any one financial year during the last (Preceding) 5 financial years 2020-21 to 2024-25;

Table 1, Table-2 & Table-3 to be filled by the contractor:

Similar Works – Details of successfully completed similar works in preceding last five financial years:

TABLE 1 (Similar Works)							
Agreement Number & Year	Name of Work	Date of Work Order	Date of Completion	Amount of Contract	Employer's Name and Address	Enclosures Number	Total Pages

Existing commitments – (Value of ‘C’ for Bid Capacity formula)

TABLE 2 (Existing Commitments)							
Agreement Number & Year	Name of Work	Date of Work Order	Date of Completion	Amount of Contract	Employer's Name and Address	Enclosures Number	Total Pages

Note (for Table – 1 & Table -2)

- (a) Certificate duly signed by the employer shall also be enclosed for each completed similar work.
- (b) Similar works for building contracts means building works and all other infrastructure works (Merely open platform (caps etc) or boundary wall shall not be treated as similar work for building work). Experience of all kind of civil engineering infrastructure work shall also be considered for prequalification purpose.

- (c) Employer signing completion certificate of similar work means an officer of rank not below EE of any government/semi government/government under taking/local self-government of any State Government or Government of India.

B. ~~Physical Requirement:~~

~~Execution of similar items of work in any one financial year during the last (Preceding 5 financial years should not be less than the minimum physical requirement, Prescribed, fixed for the work.~~

Particulars	Actual Quantity Executed (To be filled in by the contractor)				
	Year-1	Year-2	Year-3	Year-4	Year-5
Physical qualification required	Yes				
Earth Work in quantity					
Concrete work in quantity					
Enclosure number					
Total Pages					

Note: for Table 3

- ~~a). Certificate duly signed by the employer shall be enclosed for the actual quantity executed if stipulated as physical requirement, in any one year during the last (Preceding) 5 financial years.~~

General Note (For Format I-1)

- Maximum value of similar works executed in any one year during the last five year (10% weightage per year shall be given to bring the value of work executed at present price level)(Financial Year 2020-21 to 2024-25
- Work Executed with Central Govt. or any state or Semi Govt. Organization or central / any State Govt. Undertaking or Municipalities'/Municipal Corporations shall only be considered. Certificate shall be signed by an officer not below the rank of Executive Engineer or equivalent.
- The Applicant must be in the same name and style well established Civil Engineering contractor with physical and financial experience and capability in doing Civil engineering work and shall give evidence for the same.
- Any clarification on Documents submitted by the Bidder may be called by the Department and the bidder shall submit them within stipulated time.
 - Following building work done (work done for which financial transaction has taken place) within or outside the country, in Indian rupees or equivalent shall also be considered for pre-qualification.
 - Building work done in any one government organization (Private sector) within or outside India.

3. Building work done in subletting contract with a private sector investor as per provisions in the agreement between a government agency and a private sector investor.
4. Building work done by an EPC contractor employed by a BOT concessionaire as per provision in the agreement between a government agency and concessionaire.
5. Building work done in private sector of special category such as lift. modulate O.T. . Medical gas pipe line. P.A. System. HAVC. light and sound in auditorium or meeting hall. ETP. STP. trussless roof. fire fighting space frame structure for roof. pre-engineered buildings such as prefab structures of pre-cast building structures

A foresaid private work experience in Indian rupees (or equivalent Indian rupees) shall be considered for pre qualification of building construction work bid. as below:-

- a) *Building work done means construction cost (not sale price) of building work, excluding cost of land, for which financial transaction has taken place and such amount is duly certified by a Chartered Accountant who has audited the work of the bidder. chartered Accountant shall also record a statement that he has audited the work.*
- b) *In Case of sublet and EPC works, certificate of principal employer is also required.*
- c) *Special Category Building work experience shall be treated as similar work only for same special category work put to tender.*

Note:- In Case of sublet and EPC works, Certificate of Principal Employer is must alongwith duly certified by Chartered Accountant who has audited the work of bidder.

ANNUAL TURN OVER

Requirement:

Average annual turnover on the construction of Civil Engineering works during preceding 5 Financial year not less than 50% of the probable amount of contract.

TABLE -4.1 To be filled in by the contractor:

SN	Financial Year	Payments received for contracts in progress or completed	Enclosure Number	Total Pages
1	2024-25			
2	2023-24			
3	2022-23			
4	2021-22			
5	2020-21			

Total Turnover of 5 Year

Average Annual Turnover

Maximum Annual Turnover

Note:-

- a) Annual turnover of construction should be certified by the Chartered Accountant.
- b) Audited balance sheet including all related notes, and income statements for the above financial years to be enclosed.
- c) Above table is also to be used for arriving at value of Maximum Annual Turnover "A"
- d) Value of "A" to be used in Bid Capacity Formula.
- e) For immediate preceding financial year, if final audited balance sheet certified by the Chartered Accountant is not available, then provisionally certified Balance sheet by Chartered Accountant also be considered for the purpose of Annual Turnover.
- f) Above table to be used for value of 'C' in bid capacity formula.

Bid Capacity

Applicants who meet the minimum qualifying criteria in the evaluation as stated above are to be evaluated further for bid capacity as under

Bid Capacity = (1.5 A X B) - C

Where:

- A = Maximum value of civil engineering works executed in any one year during the last five year (10% weight age per year shall be given to bring the value of work executed at present price level)
- B = Proposed contract period in years.
- C = Amount of work in hand at present.

FY 2020-21 to 2024-25

List of Technical Personnel for the Key Positions

Minimum requirement							Available with the bidder					
Probable Amount of Contract in Rs. Crs.	Key Position	Minimum requirement	Qualification	Age	Similar work experience	Status	Name of Personnel	Qualification	Age	Similar work experience	Status	Remark
Up to 2 Cr.	Technologist	1	Diploma Civil	21	2 Yrs	Full Time						
2 Cr to 10 Cr.	Engineer	1	B.E. Civil	23	2 Yrs	Full Time						
	Technologist	1	Diploma E/M	21	2 Yrs	As & when required						
10 to 50 Cr.	Engineer	1	B.E. Civil	23	2 Yrs	Full Time						
	Technologist	1	Diploma Civil	24	5 Yrs	Full Time						
	Technologist	1	Diploma E/M	21	2 Yrs	As & when required						
Above 50 Cr.	Engineer	1	B.E. Civil	23	2 Yrs	Full Time						
	Engineer	1	B.E. E/M	23	2 Yrs	Full Time						
	Technologist	1	Diploma Civil	23	2 Yrs	Full Time						
	Technologist	1	Diploma E/M	23	2 Yrs	Full Time						

List of Key Equipments/ Machines for Quality Control Labs
For building works in MPHIDB costing up to 10.00 Cr.

Minimum requirement			Available with the bidder	
S. No.	Name of Equipment/ Machinery	Quantity	Name of Equipment/ Machinery	Quantity
1	Balances (i) 7 Kg to 10 kg capacity, Semi-Self indicating type- Accuracy 10 gm (ii) 500 gm capacity, semi-self-indicating type accuracy 1 gm (iii) Pan Balance-5kg capacity, Accuracy 10 gm	1 Set		
2	Ovens-Electrically operated, thermostatically controlled up to 110 G Sensitivity 1 C	1 Set		
3	Sieves : As per IS 460-1962 (i) IS Sieves – 450 mm internal dia of sizes 100 mm, 80mm, 63mm, 50 mm, 40 mm, 25mm, 20 mm, 12.5mm, 10mm, 6.3mm, 4.75 mm complete with lid and pan (ii) IS Sieves-200 mm internal dia, (brass frame) consisting of 2.36 mm 1.18 mm, 600 microns, 425 microns, 300 microns, 212 microns, 150 microns, 90 microns, 75 microns with lid and pan.	1 set		
4	Sieve shaker capable of 200 mm and 300 mm dia sieves, manually operated with timing switch assembly.	1 set		
5	Equipment for slump test-slump cone, steel plate tamping rod, steel scale scoop.	1 set		
6	Dial gauges 25 mm travel 0.01 mm / division least count -2 Nos.	1 set		
7	100 tones compression testing machine, electrical cum manually operated.	1 set		
8	Graduated measuring cylinders 200ml capacity 3 nos.	1 set		
9	Enamel trays (for efflorescence test for bricks) (i) 300 mm x 250 mm x 40mm – 2 Nos (ii) Circular plates of 250 mm dia – 4 Nos	1 set		

Note: For work costing (PAC) above 10 Cr. Additional sets shall be made available as per requirements.

Plant & Equipment		
S.No.	Plant & Equipment	Min. Quantities
i.	~~Tower crane for vertical lift & 35 mts boom~~	2
ii.	~~Husing Winches (Electrical/Mechanical) 2 for Each tower~~	6
iii.	1 RMC of 30 Cum/Hrs. and 2BMC plants of 8 to 10 Cum/Hrs	1
iv.	Mobile mini batching plant of minimum capacity 6 Cum/Hrs.	1
v.	Concrete Pump of suitable capacity	1
vi.	Water Tanker	As per requirement
vii.	Transit Mixer	2
viii.	Dewatering/submersible pump	As per requirement
ix.	Air Compressor of suitable capacity	1
x.	Welding machine	As per requirement
xi.	Backhoe loader/JCBs/Procaine.	2 each
xii.	~~DG Set of required capacity~~	2
xiii.	Hydra	1
xiv.	Dump Truck/Road Roller	As per requirement
xv.	Plate/Earth Compactor	As per requirement
xvi.	Bar Cutting/Bending Machine	As per requirement
xvii.	Concrete Cutter/Breaker	As per requirement
xviii.	Needle Vibrator	10
xix.	Survey Equipment (Total Station/Theodolite/Auto level)	2 set.
xx.	Aluminium /Ply/MS shuttering material	As per requirement
xxi.	Cement storage shed (for 1000 bags)	1
S.No.	Lab Equipment	Min. Quantities
i.	Hydraulic Compression testing Machine electrically operated 200 tones capacity Conforming to the requirements of IS: 515-1959, IS: 14858-2000 calibrated to an accuracy of $\pm 1\%$ indicated load within range.	2 nos.
ii.	Cube moulds 150x150x150 mm size conforming to IS: 5161959, IS: 10086-1982	30 nos.
iii.	Slump apparatus conforming to IS: 7320	6 nos.
iv.	Test sieve set IS: 460-1972, 30 cm dia frame of size 40mm, 20mm, 12.5mm and 10 mm and 20 cm dia frame of size 4.75mm, 3.35 mm, 2.36 mm, 1.18mm, 600-micron, 300-micron, 150 micron and 75 micron.	2 set
v.	Bulk density measure 3- and 15-liters capacity as per IS: 2386 (Part-III)- 1963	2 No's each
vi.	Thickness and length gauge as per IS: 2386 (Part-I) 1963	2
vii.	15 cm dia aggregate crushing value apparatus as per IS: 2386 (Part-IV)- 1963	2

viii.	Graduated cylinder of glass 100-, 250- and 1000-ml capacity.	2 No's each
ix.	Balances 1 kg, 5kg and 15 kg capacity.	2 No's each
x.	Electric oven, thermostatically controlled upto 2000c/c, chamber space about 40x40x40cm.	2 No's
xi.	Concrete Test Hammer (rebound hammer) of impact energy 2.207 N. (0.225 KGM) as per IS: 1331 (Part-2) 1992	2 No's
S.No.	Plant & Equipment	Min. Quantities
xii.	Flat edge 10 cm dia glass cylinder with glass plate 2000 ml capacity.	2 No's
xiii.	Miscellaneous items such as mixing trays, rice trays, kanni etc.	2 set.
xiv.	Le-Chatelier's apparatus as per IS: 4031	3 No's
xv.	Vicat apparatus as per IS: 4031	3 No's
xvi.	Vibration machine with 6 moulds as per IS: 4031	2 No's
xvii.	Electronic measuring tapes	4 No's
xviii.	Steel tapes (3m, 5m, 15m, 30m, 50m)	2 each
xix.	Passengers lift for Engineers and Supervisors in each block during construction stage.	

LIST OF KEY CONSTRUCTION EQUIPMENTS/MACHINES FOR BUILDING WORKS

Probable amount of contract (PAC)	Sno	Minimum requirement		Available with the bidder	Remarks (Evaluation results)
		Name of construction equipment/Machinery	Quantity		
Up to 2.00 Cr.	1	Concrete Mechanical Mixer with hopper (1 cum capacity minimum)	1 No.		
	2	plate vibrator	2 Nos		
	3	Diesel/Electric Pin Vibrator	2 Nos		
	4	Fully well equipped lab	1 No.		
	5	Curing pump of 1.5 hp capacity with set of pipe	1 No.		
	6	Steel shuttering plates/centering pipes	100sqm		
	7	Auto level Instrument	1 Nos		
2.00 Cr to 10.00 Cr.	1	Concrete Mechanical Mixer with Hopper	2 Nos		
	2	Concrete weight batcher minimum 30 cubic meter capacity (as and when required)	1 No		
	3	plate vibrator	3 Nos		
	4	Diesel/Electric pin Vibrator	3 Nos		
	5	Fully well equipped lab	1 No.		
	6	Curing pump of 1.5hp capacity with set of pipe	2 Nos		
	7	MS centering plates/centering pipes	1000 sqm		
	8	Auto level Instrument	1 No.		
10.00 Cr. to 50 Cr.	1	Concrete Mechanical Mixer with Hopper	3 Nos		
	2	Concrete weigh batcher minimum 30 cubic meter capacity	2 Nos		
	3	Plate Vibrator	4 Nos		
	4	Diesel/Electric pin Vibrator	4Nos		
	5	Fully well equipped lab	1 No		
	6	Curing pump of 1.5 hp capacity with set of pipe	3 Nos		
	7	Steel centering plates/centering pipes	1500 sqm		
	8	Auto level instrument	1No		
For work costing above Rs. 50.00 Cr. additional equipment/Machines shall be developed as requirement.					

**FINANCIAL BID
(To Be Contained in Envelope-C)**

Name of Work:- Construction of Degree College with Development works at Basai Distt. Datia

I/We hereby bid for the execution of the above work within the time specified at the **rate (in figures)** _____ **(in words)** _____ **percent below/ above or at par** based on the Bill of Quantities and item wise rates given therein in all respects and in accordance with the specifications, designs, drawings and instructions in writing in all respects in accordance with such conditions so far as applicable. I/We have visited the site of work and am/ are fully aware of all the difficulties and conditions likely to affect carrying out the work. I/We have fully acquainted myself/ourselves about the conditions in regard to accessibility of site and quarries/kilns, nature and the extent of ground, working conditions including stacking of materials, installation of tools and plant conditions effecting accommodation and movement of labour etc. required for the satisfactory execution of contract.

Should this bid be accepted, I/We hereby agree to abide by and fulfill all the terms and provisions of the said conditions of contract annexed hereto so far as applicable, or in default thereof to forfeit and pay to the Chairman of MPH&IDB or his successors in office the sums of money mentioned in the said conditions.

Note:

- i. *Only one rate of percentage above or below or at par based on the Bill of Quantities and item wise rates given therein shall be quoted.*
- ii. *Percentage shall be quoted in figures as well as in words. If any difference in figures and words is found lower of the two shall be taken as valid and correct rate. If the bidder is not ready to accept such valid and correct rate and declines to furnish performance security and sign the agreement his earnest money deposit shall be forfeited.*
- iii. *In case the percentage "above" or "below" is not given by a bidder, his bid shall be treated as nonresponsive.*
- iv. ***Except GST all duties, taxes of Central and State Governments, local bodies and authorities & Other levies payable by the bidder shall be deemed to be included in the rate quoted by the bidder.***

**Signature of Bidder
Name of Bidder**

The above bid is hereby accepted by me on behalf of the Chairman of MPH&IDB dated the _____ day of _____ 2026

Signature of Officer by whom accepted

MATERIALS TO BE ISSUED BY THE DEPARTMENT

Sno.	Name of Material	Rate (Issue Rate)	Unit	Remarks
		~~N/A~~		

Executive Engineer
MPHIDB Division 01 Gwalior

LETTER OF ACCEPTANCE (LOA)

No. _____

Dated: _____

To,

M/s. _____
(Name and address of the contractor)

Subject: **Construction of Degree College with Development works at Basai Distt. Datia**
Dear Sir (s),

Your bid for the work mentioned above has been accepted on behalf of the Chairman MPH&IDB at your bided percentage _____ below/ above or at par the Bill of Quantities and item wise rates given therein.

You are requested to submit within 15 (Fifteen) days from the date of issue of this letter:

- a. The performance security/ performance guarantee of Rs. _____ (in figures) (Rupees _____ in words only). The performance security shall be in the shape of bank guarantee of any nationalized / schedule commercial bank valid up to three months after the expiry of defects liability period.
- b. Sign the contract agreement.

Please note that the time allowed for carrying out the work as entered in the bid is _____ months including rainy season, shall be reckoned from the date of signing the contract agreement.

Signing the contract agreement shall be reckoned as intimation to commencement of work and no separate letter for commencement of work is required. Therefore, after signing of the agreement, you are directed to contact the Engineer-in-charge for taking the possession of site and necessary instructions to start the work.

Yours Faithfully

Executive Engineer
MPHIDB Division 01 Gwalior

PERFORMANCE SECURITY

To

[Name & address of Employer]

WHEREAS _____[name and address of Contractor] (Hereinafter called "the Contractor") has undertaken, in pursuance of Letter of Acceptance No. _____ dated _____ to execute _____[name of Contract and brief description of Works] (hereinafter called "the Contract").

AND WHEREAS it has been stipulated by you in the said Contract that the Contractor shall furnish you with a Bank Guarantee by a recognized bank for the sum specified therein as security for compliance with his obligation in accordance with the Contract;

AND WHEREAS we have agreed to give the Contractor such a Bank Guarantee:

NOW THEREFORE we hereby affirm that we are the Guarantor and responsible to you on behalf of the Contractor, up to a total of _____ [amount of guarantee]* _____ (in words), such sum being payable in the types and proportions of currencies in which the Contract Price is payable, and we undertake to pay you, upon your first written demand and without cavil or argument, any sum or sums within the limits of _____ [amount of guarantee] as aforesaid without your needing to prove or to show grounds or reasons for your demand for the sum specified therein.

We hereby waive the necessity of your demanding the said debt from the contractor before presenting us with the demand.

We further agree that no change or addition to or other modification of the terms of the Contract of the Works to be performed there under or of any of the Contract documents which may be made between you and the Contractor shall in any way release us from any liability under this guarantee, and we hereby waive notice of any such change, addition or modification.

This Guarantee shall be valid until 3 (three) months from the date of expiry of the Defect Liability period.

Signature, Name and Seal of the guarantor _____

Name of Bank : _____

Address : _____

Phone No., Fax No., E-mail Address of Signing Authority _____

Date : _____

* *An amount shall be inserted by the Guarantor, representing the percentage the Contract Price specified in the Contract including additional security for unbalanced Bids, if any and denominated in Indian Rupees.*

SECTION -3
Conditions of Contract
Part – I General Conditions of Contract [GCC]
Table of Clauses of GCC

Clause No	Particulars	Clause No	Particulars
A. General		21	Payments for Variations and / or Extra Quantities
1	Definitions	22	No compensation for alterations in or restriction of work to be carried out.
2	Interpretations and Documents	23	No Interest Payable
3	3 Language and Law	24	Recovery from Contractors
4	Communications	25	Tax
5	Subcontracting	26	Check Measurements
6	Personnel	27	Termination by Engineer in Charge
7	Force Majeure	28	Payment upon Termination
8	Contractor's Risks	29	Performance Security
9	Liability For Accidents To Person	30	Security Deposit
10	Contractor to Construct the Works	31	Price Adjustment
11	Discoveries	32	Mobilization and Construction Machinery Advance
12	Dispute Resolution System	33	Secured Advance
B. Time Control		34	Payments Certificates
13	Programmer	E. Finishing the Contract	
14	Extension of Time	35	Completion Certificate
15	Compensation for Delay	36	Final Account
16	Contractor's quoted percentage	F. Other Conditions of Contract	
C. Quality Control		37	Currencies
17	Tests	38	Labour
18	Correction of Defects noticed during the Defect Liability Period	39	Compliance with Labour Regulations
D. Cost Control		40	Audit and Technical Examination
19	Variations - Change in original Specifications, Designs, Drawings etc.	41	Death or Permanent Invalidity of Contractor
20	Extra Items	42	Jurisdiction

Part – I General Conditions of Contract [GCC]

A. General

1. DEFINITIONS

- 1.1. **Bill of Quantities:** means the priced and completed Bill of Quantities forming part of the Bid.
- 1.2. **Housing Commissioner:** means Housing Commissioner of MP Housing Infrastructure Development Board.
- 1.2(i) **Addl. Housing Commissioner:** means Addl. Housing Commissioner of MP Housing and Infrastructure Development Board.
- 1.3. **Completion:** means completion of the work as certified by the Engineer-in-Charge, in accordance with provisions of agreement.
- 1.4. **Contract:** means the Contract between the Employer and the Contractor to execute, complete and/or maintain the work. Agreement is synonym of Contract and carries the same meaning wherever used.
- 1.5. **Contract Data:** means the documents and other information which comprise of the Contract.
- 1.6. **Contractor:** means a person or legal entity whose bid to carry out the work has been accepted by the Employer.
- 1.7. **Contractor's bid:** means the completed bid document submitted by the Contractor to the Employer.
- 1.8. **Contract amount:** means the amount of contract worked out on the basis of accepted bid.
- 1.9. **Completion of work:** means completion of the entire contracted work. Exhaustion of quantity of any particular item mentioned in the bid document shall not imply completion of work or any component thereof.
- 1.10. **Day:** means the calendar day.
- 1.11. **Defect:** means any part of the work not completed in accordance with the specifications included in the contract.
- 1.12. **Department:** means M.P. Housing & Infrastructure Development Board.
Public Works Department, Public Health Engineering Department, Rural Engineering Service and any other organization which adopts this document.
- 1.13. **Drawings:** means drawings including calculations and other information provided or approved by the Engineer-in-Charge.
- 1.14. **Employer:** means the party as defined in the **Contract Data**, who employs the Contractor to carry out the work. The Employer may delegate any or all functions to a person or body nominated by him for specified functions. The word Employer / Government / Department wherever used denote the Employer.
- 1.15. **Engineer:** means the person named in the **Contract Data**.
- 1.16. **Engineer in charge:** means the person named in the **Contract Data**.

- 1.17. **Equipment:** means the Contractor's machinery and vehicles brought temporarily to the Site for execution of work.
- 1.18. **Government** means Government of Madhya Pradesh.
- 1.18(i) Board means MP Housing and Infrastructure Development Board
- 1.18(ii) Chairman means Chairman of MP Housing and Infrastructure Development Board
- 1.19. **In Writing:** means communicated in written form and delivered against receipt.
- 1.20. **Material:** means all supplies, including consumables, used by the Contractor for incorporation in the work.
- 1.21. Dy. Housing Commissioner means Dy. Housing Commissioner of the Circle MP Housing and Infrastructure Development Board
- 1.22. **Stipulated period of completion:** means the period in which the Contractor is required to complete the work. The stipulated period is specified in the **Contract Data**.
- 1.23. **Specification:** means the specification of the work included in the Contract and any modification or addition made or approved by the Engineer-in-Charge.
- 1.24. **Start Date:** means the date of signing of agreement for the work.
- 1.25. **Sub-Contractor:** means a person or corporate body who has a Contract with the Contractor, duly authorised to carry out a part of the construction work under the Contract.
- 1.26. **Temporary Work:** means work designed, constructed, installed, and removed by the Contractor that are needed for construction or installation of the work.
- 1.27. **Tender/Bid, Tenderer/Bidder:** are the synonyms and carry the same meaning where ever used.
- 1.28. **Variation:** means any change in the work which is instructed or approved as variation under this contract.
- 1.29. **Work:** The expression "work" or "works" where used in these conditions shall unless there be something either in the subject or context repugnant to such construction, be construed and taken to mean the work by virtue of contract, contracted to be executed, whether temporary or permanent and whether original, altered, substituted or additional.
- 1.30. **PLR/MCLR:** Means Prime Lending Rate/ Marginal Cost of Lending Rate of State Bank of India whichever is applicable.

2. INTERPRETATIONS AND DOCUMENTS

2.1 Interpretations

In the contract, except where the context requires otherwise:

- a. words indicating one gender include all genders;
- b. Words indicating the singular also include the plural and vice versa.
- c. provisions including the word "agree", "agreed" or "agreement" require the agreement to be recorded in writing;
- d. written" or "in writing" means hand-written, type-written, printed or electronically made, and resulting in a permanent record;

2. Documents Forming Part of Contract:

1. NIT with all amendments.
2. Instructions to Bidders (ITB, Bid Data Sheet with all Annexure)
3. Conditions of Contract:
 - i. Part I General Conditions of Contract and the Contract Data with all Annexure
 - ii. Part II Special Conditions of Contract.
4. Specifications
5. Drawings
6. Bill of Quantities
7. Technical and Financial Bid
8. Agreement, and
9. Any other document(s), as specified.

3. Language and Law

The language of the Contract and the law governing the Contract are stated in the Contract Data.

4. Communications

All certificates, notice or instruction to be given to the Contractor by Employer /Engineer shall be sent to the address or contact details given by the Contractor in [Annexure H of ITB]. The address and contact details for communication with the Employer/Engineer shall be as per the details given in the Contract Data. Communication between parties that are referred to in the conditions shall be in writing. The notice sent by facsimile (fax) or other electronic means (email) shall also be effective on confirmation of the transmission. The notice sent by registered post or speed post shall be effective on delivery or at the expiry of the normal delivery period as undertaken by the postal service. In case of any change in address for communication, the same shall be immediately notified to Engineer-in-Charge.

5. ~~Subcontracting~~

~~Subcontracting shall be permitted for contracts of value more than amount specified in the Contract Data with following conditions:~~

- ~~a. The Contractor may subcontract up to 25 percent of the contract price with the approval of the Employer in writing, but will not assign the Contract. Subcontracting shall not alter the Contractor's obligations.~~
- ~~b. Following shall not form part of subcontracting:
 - i. Hiring of labour through a labour contractor.
 - ii. The purchase of Materials to be incorporated in the works.
 - iii. Hiring of plant & machinery~~
- ~~c. The sub-contractor will have to be registered in the **appropriate category** in the centralized registration system for contractors of the GoMP.~~

6. Personnel

6.1 The Contractor shall employ for the construction work and routine maintenance the technical personnel as provided in the Annexure I-3 of Bid Data Sheet, if applicable. If the Contractor fails to deploy required number of technical staff, recovery as specified in the Contract Data will be made from the Contractor.

6.2 If the Engineer asks the Contractor to remove a person who is a member of the Contractor's staff or work force, stating the reasons, the Contractor shall ensure that the person leaves the Site within three days and has no further connection with the Works in the Contract.

7. Force Majeure

7.1 The term "Force Majeure" means an exceptional event or circumstance:

- (a) Which is beyond a Party's control,
 - (b) Which such Party could not reasonably have provided against before entering into the Contract,
 - (c) Which, having arisen, such Party could not reasonably have avoided or overcome, and
 - (d) Which is not substantially attributable to the other Party.
- Force Majeure may include, but is not limited to, exceptional events or circumstances of the kind listed below, so long as conditions (a) to (d) above are satisfied:
- (i) War, hostilities (whether war be declared or not), invasion, act of foreign enemies,
 - (ii) Rebellion, terrorism, sabotage by persons other than the Contractor's Personnel, revolution, insurrection, military or usurped power, or civil war,
 - (iii) Riot, commotion, disorder, strike or lockout by persons other than the Contractor's Personnel,
 - (iv) Munitions of war, explosive materials, ionising radiation or contamination by radioactivity, except as may be attributable to the Contractor's use of such munitions, explosives, radiation or radio-activity, and
 - (v) Natural catastrophes such as earthquake, hurricane, typhoon or volcanic activity.

7.2. In the event of either party being rendered unable by force majeure to perform any duty or discharge any responsibility arising out of the contract, the relative obligation of the party affected by such force majeure shall upon notification to the other party be suspended for the period during which force majeure event lasts. The cost and loss sustained by either party shall be borne by respective parties.

~~**7.3** For the period of extension granted to the Contractor due to Force Majeure the price adjustment clause shall apply but the penalty clause shall not apply. It is clarified that this sub clause shall not give eligibility for price adjustment to contracts which are otherwise not subject to the benefit of price adjustment clause.~~

7.4 The time for performance of the relative obligation suspended by the force majeure shall stand extended by the period for which such cause lasts. Should the delay caused by force majeure exceed **twelve** months, the parties to the contract shall be at liberty to foreclose the contract after holding mutual discussions.

8. Contractor's Risks

8.1 All risks of loss or damage to physical property and of personal injury and death which arise during and in consequence of the performance of the Contract are the responsibility of the Contractor.

8.2 All risks and consequences arising from the inaccuracies or falseness of the documents, drawing, designs, other documents and/or information submitted by the contractor shall be the responsibility of the Contractor alone, notwithstanding the fact that the designs/ drawings or other documents have been approved by the department.

9. Liability for Accidents to Person

The contractor shall be deemed to have indemnified and saved harmless the Government against all action, suits, claims, demands, costs etc. arising in connection with injuries suffered by any persons employed by the contractor or his subcontractor for the works whether under the General law or under workman's compensation Act, or any other statute in force at the time of dealing with the question of the liability of employees for the injuries suffered by employees and to have taken steps properly to ensure against any claim there under.

10. Contractor to Construct the Works

- 10.1 The Contractor shall construct, install and maintain the Works in accordance with the Specifications and Drawings as specified in the **Contract Data**.
- 10.2 In the case of any class of work for which there is no such specification as is mentioned in Contract Data, such work shall be carried out in accordance with the instructions and requirement of the Engineer-in-charge.
- 10.3 The contractor shall supply and take upon himself the entire responsibility of the sufficiency of the scaffolding, timbering, machinery, tools and implements, and generally of all means used for the fulfillment of this contract whether such means may or may not be approved or recommended by the Engineer.

11. Discoveries

Anything of historical or other interest or of significant value unexpectedly discovered on the Site shall be the property of the Employer. The Contractor shall notify the Engineer of such discoveries and carry out the Engineer's instructions for dealing with them.

12. Dispute Resolution System

- 12.1 No dispute can be raised except before the Competent Authority as defined in Contract Data in writing giving full description and grounds of dispute. It is clarified that merely recording protest while accepting measurement and/or payment shall not be taken as raising a dispute.
- 12.2 No dispute can be raised after 45 days of its first occurrence. Any dispute raised after expiry of 45 days of its first occurrence shall not be entertained and the Employer shall not be liable for claims arising out of such dispute.
- 12.3 The **Competent Authority** shall decide the matter within 45 days.
- 12.4 Appeal against the order of the Competent Authority can be preferred within 30 days to the **Appellate Authority** as defined in **the Contract Data**. The Appellate Authority shall decide the dispute within 45 days.
- 12.5 Appeal against the order of the Appellate Authority can be preferred before the Madhya Pradesh Arbitration Tribunal constituted under Madhya Pradesh *Madhyastham Adhikaran Adhiniyam*, 1983.
- 12.6 The Contractor shall have to continue execution of the Works with due diligence notwithstanding pendency of a dispute before any authority or forum.

B. Time Control

13. Programmer

- 13.1 Within the time stated in the Contract Data, the Contractor shall submit to the Engineer for approval a Programmer showing the general methods, arrangements, order and timing for all the activities for the construction of works.
- 13.2 **The program shall be supported with all the details regarding key personnel, equipment and machinery proposed to be deployed on the works for its execution.** The contractor shall submit the list of equipment and machinery being brought to site, the list of key personnel being deployed, the list of machinery/equipment being placed in field laboratory and the location of field laboratory along with the Programme.
- 13.3 An update of the Programme shall be a programme showing the actual progress achieved on each activity and the effect of the progress achieved on the timing of the remaining Works, including any changes to the sequence of the activities.

- 13.4 The Contractor shall submit to the Engineer for approval an updated Programme at intervals no longer than the period stated in the **Contract Data**. If the Contractor does not submit an updated Programme within this period, the Engineer may withhold the amount stated in the **Contract Data** from the next payment certificate and continue to withhold this amount until the next payment after the date on which the overdue Programme has been submitted.
- 13.5 The Engineer's approval of the Programme shall not alter the Contractor's obligations.
14. **14. Extension of Time**
- 14.1. The contract is for completion of works and therefore non approval of EOT shall not in any way invalidate the contract. The contractor will have to complete the works.
- 14.2 In the event of delays attributable to the contractor the EOT shall no be given by the Engineer-in-Charge and the liquidated Damages shall be levied from the contractor in accordance with the provisions of the contract.
- 14.3 In the event, the delays are not attributable to the contractor the EOT may be issued by the Engineer-in-Charge without imposition of Liquidated damages either suo-motto or on a written request of the contractor.
- It is clarified that out of the total delays in completion of works. the EOT shall be issued only for the part which is not attributable to the contractor.
15. **Compensation for delay**
- 15.1 The time allowed for carrying out the work, as entered in the agreement, shall be strictly observed by the Contractor.
- 15.2 The time allowed for execution of the contract shall commence from the date of signing of the agreement. It is clarified that the need for issue of work order is dispensed with.
- 15.3 In the event milestones are laid down in the Contract Data for execution of the works, the contractor shall have to ensure strict adherence to the same.
- 15.4 Failure of the Contractor to adhere to the timelines and/or milestones shall attract such liquidated damages as is laid down in the Contract Data.
- 15.5 In the event of delay in execution of the Works as per the timelines mentioned in the Contract Data the Engineer-in-charge shall retain from the bills of the Contractor amount equal to the liquidated damages livable until the Contractor makes such delays good. However, the Engineer-in-charge shall accept bankable security in lieu of retaining such amount.
- 15.6 If the Contractor is given extension of time after liquidated damages have been paid, the Engineer in Charge shall correct any over payment of liquidated damages by the Contractor in the next payment certificate.
- 15.7 In the event the Contractor fails to make good the delay until completion of the stipulated contract period (including extension of time) the sum so retained shall be adjusted against the liquidated damages levied.
- 15.8 However any judgment/decreed /order passed by Honorable civil court/Consumer forum /Tribunal /Commission /Competent Regularity Authority in favour of any client of housing board related to delay attributed to the contractor in the project concerned shall be the liability of the contractor. This will be in addition to the liquidated damages imposed as per the annexure-P of the contract date by the M.P housing & infrastructure Development Board .The decision of the competent authority Madhya Pradesh housing & infrastructure Development Board shall be final. In this regard Contractor shall have to submit security as specified in the contract Data Sheet at the time of signing of the contract (This provision is not applicable in deposit works)

~~15.9 जहां योजना / संपत्ति निर्माण की निविदा में वर्णित शर्तों के आधार पर संभावित निर्माण अवधि को ध्यान में रखते हुए ई ऑफर के माध्यम से संपत्ति का विक्रय किया जाता है, लेकिन संपत्ति का निर्माण मण्डल अथवा निविदाकार द्वारा निर्माण में विलंब करने के कारण संपत्ति हेतु नियत समय सारणी के अंतर्गत संपत्ति का विक्रय पत्र निष्पादित होकर संपत्ति का हस्तांतरण नहीं हो पाता है, ऐसी स्थिति में क्रेता पर विलंब अवधि का ब्याज भारित नहीं करते हुए ऐसे ब्याज की बसूली निर्माण करने वाले निविदाकार से की जाए। (यह प्रावधान निष्पेक्ष कार्य पर लागू नहीं होगा)।~~

16. Contractor's quoted percentage

The Contractor's quoted percentage rate referred to in the "Bid for works" will be deducted/ added from/to the net amount of the bill after deducting the cost of material supplied by the department.

C. Quality Control

17. Tests

17.1 The Contractor shall be responsible for:

- a. Carrying out the tests prescribed in specifications, and
- b. For the correctness of the test results, whether preformed in his laboratory or elsewhere.

17.2 The contractor shall have to establish field laboratory within the time specified and having such equipment's as are specified in the **Contract Data**.

17.3 Failure of the Contractor to establish laboratory shall attract such penalty as is specified in the **Contract Data**.

18. Correction of Defects noticed during the Defect Liability Period

18.1 The Defect Liability Period of work in the contract shall be as per the **Contract Data**.

18.2 The Contractor shall promptly rectify all defects pointed out by the Engineer well before the end of the Defect Liability Period. The Defect Liability Period shall automatically stand extended until the defect is rectified.

18.3 If the Contractor has not corrected a Defect pertaining to the Defect Liability Period to the satisfaction of the Engineer, within the time specified by the Engineer, the Engineer will assess the cost of having the Defect corrected, and the cost of correction of the Defect shall be recovered from the Performance Security or any amount due or that may become due to the contractor and other available securities.

D. Cost Control

19. Variations - Change in original Specifications, Designs, and Drawings etc.

19.1 The Engineer-in-charge shall have power to make any alterations, omissions or additions to or substitutions in the original specifications, drawings, designs and instructions, that may appear to him to be necessary during the progress of the work and the contractor shall carry out the work in accordance with any instructions which may be given to him in writing signed by the Engineer-in-charge, and such alterations, omission, additions or substitutions shall not invalidate the contract and any altered, additional or substituted work, which the contractor may be directed to do in the manner above specified, as part of the work, shall be

carried out by the contractor on the same conditions in all respects on which he agrees to do the main work.

- 19.2** The time for the completion of the work shall be adjusted in the proportion that the altered, additional or substituted work bears to the original contract work and the certificate of the Engineer-in-charge shall be conclusive as to such proportion.

20. Extra items

- 20.1** All such items which are not included in the priced BOQ shall be treated as extra items.

21. Payments for Variations and / or Extra Quantities

- 21.1** The rates for such additional (Extra quantity), altered or substituted work / extra items under this clause shall be worked out in accordance with the following provisions in their respective order:-

- a. The contractor is bound to carry out the additional (Extra quantity), work at **the same rates** as are specified in the contract for the work.
- b. If the item is not in the priced BOQ and is included in the SOR of the department, the rate shall be arrived at by applying the quoted tender percentage on the SOR rate.
- c. **If the rates for the altered or substituted work are not provided in applicable SOR** - such rates will be derived from the rates for a similar class (type) of work as is provided in the contract (priced BOQ) for the work.
- d. **If the rates for the altered, substituted work cannot be determined in the manner specified in the sub clause (c) above** - then the rates for such composite work item shall be worked out on the basis of the concerned Schedule of Rates minus/plus the percentage quoted by the contractor.
- e. If the rates for a particular part or parts of the item is not in the Schedule of Rates and the rates for the altered, or substituted work item cannot be determined in the manner specified in sub clause (b) to (d) above, the rate for such part or parts will be determined by the Competent Authority as defined in the Contract Data on the basis of the rate analysis derived out of prevailing market rates when the work was done.
- f. But under no circumstances, the contractor shall suspend the work on the plea of non-acceptability of rates on items falling under sub clause (a) to (d). In case the contractor does not accept the rate approved by the Engineer in Charge for a particular item, the contractor shall continue to carry out the item at the rates determined by the Competent Authority. The decision on the final rates payable shall be arrived at through the dispute settlement procedure.

22. No compensation for alterations in or restriction of work to be carried out.

- 22.1** If at any time after the commencement of the work, the Engineer-in-charge, for any reason whatsoever, not require the whole or any part of the work as specified in the bid to be carried out; the Engineer-in-charge shall give notice in writing of the fact to the Contractor and withdraw that whole or any part of the work.
- 22.2** The Contractor shall have no claim to any payments or compensation whatsoever, on account of any profit or advantage which he might have derived from the execution of work in full or

on account of any loss incurred for idle men and machinery due to any alteration or restriction of work for whatsoever reason.

- 22.3** The Engineer-in-charge may supplement the work by engaging another agency to execute such portion of the work, without prejudice to his rights.

23. No Interest Payable

No interest shall be payable to the Contractor on any payment due or awarded by any authority.

24. Recovery from Contractors

Whenever any claim against the Contractor for the payment arises under the contract, the Department may be entitled to recover such sum by:

- (a)** Appropriating, in part or whole of the Performance Security and Additional Performance Security, if any; and/or Security Deposit and / or any sums payable under the contract to the contractor.
- (b)** If the amount recovered in accordance with (a) above is not sufficient, the balance sum may be recovered from any payment due to the contractor under any other contract of the department, including the securities which become due for release. \
- (c)** The department shall, further have an additional right to effect recoveries as arrears of land revenue under the *M.P. Land Revenue Code*.

25. Tax

- 25.1** The Rate quoted by the contractor shall be exclusive of the GST but inclusive of all other levies, duties, cess, toll, taxes of central and state Governments, local bodies and authorities. GST shall be paid by the MPHIDB at the time of bill raising rate prevailing, A part from GST, all other levies, duties, cess, toll, taxes of central and state Governments, local bodies and authorities shall be borne by the contractor and payable by the contractor. It is deemed to be included in the financial offer submitted by the contractor that apart from GST, all other taxes are included in the financial offer.

केन्द्र सरकार, राज्य सरकार तथा म.प्र. गृह निर्माण एवं अधोसंरचना विकास मण्डल द्वारा प्रकरण में गुण-दोष के आधार पर जो भी निर्देश संशोधन किये जायेंगे, वह निविदाकर्ता पर मान्य होंगे।

Contractor shall produce the proof of deposit of GST to Govt. paid by the MPHIDB against the bill. Next payment of bill shall only be payable after due verification of GST payment to Govt. verified by E.E. of concerned Division. (The Amendment issued by the AHC, HO, Bpl's Circular No.60 dated 23.09.2017).

- 25.2** The liability, if any, on account of quarry fees, royalties, octroi and any other taxes and duties in respect of materials actually consumed on public work, shall be borne by the Contractor.
- 25.3** Any changes in the taxes due to change in legislation or for any other reason shall not be payable to the contractor.

26. Check Measurements

- 26.1** The department reserves to itself the right to prescribe a scale of check measurement of work in general or specific scale for specific works or by other special orders.

- 26.2** Checking of measurement by superior officer shall supersede measurements by subordinate officer(s), and the former will become the basis of the payment.
- 26.3** Any over/excess payments detected, as a result of such check measurement or otherwise at any stage up to the date of completion of the defect liability period specified in this contract, shall be recoverable from the Contractor, as per **clause 24** above.

27. Termination by Engineer in Charge

- 27.1** If the Contractor fails to carry out any obligation under the Contract, the Engineer in Charge may by notice require the Contractor to make good the failure and to remedy it within a specified reasonable time.
- 27.2** The Engineer in Charge shall be entitled to terminate the Contract if the Contractor
- a)** abandons the Works or otherwise plainly demonstrates the intention not to continue performance of his obligations under the Contract;
 - b)** the Contractor is declared as bankrupt or goes into liquidation other than for approved reconstruction or amalgamation;
 - c)** without reasonable excuse fails to comply with the notice to correct a particular defect within a reasonable period of time;
 - d)** the Contractor does not maintain a valid instrument of financial security as prescribed;
 - e)** the Contractor has delayed the completion of the Works by such duration for which the maximum amount of liquidated damages is recoverable;
 - f)** If the Contractor fails to deploy machinery and equipment or personnel or set up a field laboratory as specified in the **Contract Data**;
 - g)** If the contractor, in the judgment of the Engineer in charge has engaged in corrupt or fraudulent practices in competing for or in executing the contract;
 - h)** Any other fundamental breaches as specified in the **Contract Data**.
- 27.3** In any of these events or circumstances, the Engineer in Charge may, upon giving 14 days' notice to the Contractor, terminate the Contract and expel the Contractor from the Site. However, in the case of sub-paragraph (b) or (g) of **clause 27.2**, the Engineer in Charge may terminate the Contract immediately.
- 27.4** Notwithstanding the above, the Engineer-in-Charge may terminate the Contract for convenience by giving notice to the Contractor.

28. Payment upon Termination

- 28.1** If the contract is terminated under **clause 27.3**, the Engineer shall issue a certificate for value of the work accepted on final measurements, less Advance Payments and Penalty as indicated in the **Contract Data**. The amount so arrived at shall be determined by the **Engineer-in-Charge** and shall be final and binding on both the parties.
- 28.2** Payment on termination under **clause 27. 4** above - If the Contract is terminated under **clause 27.4** above, the Engineer shall issue a certificate for the value of the work done, the

reasonable cost of removal of Equipment, repatriation of the Contractor's personnel employed solely on the Works, and the Contractor's costs of protecting and securing the Works and less advance payments received up to the date of the certificate, less other recoveries due in terms of the contract and less taxes due to be deducted at source as per applicable law.

- 28.3 If the total amount due to the Employer exceeds any payment due to the Contractor, the difference shall be recovered as per **clause 24** above.

29. **Performance Security**

The Contractor shall have to submit performance security and additional performance security, if any, as specified in the **Bid Data Sheet** at the time of signing of the contract. The contractor shall have to ensure that such performance security and additional performance security, if any, remains valid for the period as specified in the Contract Data.

30. **Security Deposit-**

- 30.1 Security Deposit shall be deducted from each running bill at the rate as specified in the **Contract Data**. The total amount of Security Deposit so deducted shall not exceed the percentage of Contract Price specified in the **Contract Data**.

- 30.2 The security deposit may be replaced by equivalent amount of bank guarantee or fixed deposit receipt assigned to the Employer, with validity up to 3 (three) months beyond the completion of Defect Liability Period/ extended Defect Liability Period.

- 30.3 The Security Deposit shall be refunded on completion of Defect Liability Period.

31. **Price Adjustment**

~~31.1 **Applicability**~~

- ~~1. Price adjustment shall be applicable only if provided for in the **Contract Data**.~~
- ~~2. The price adjustment clause shall apply only for the works executed from the date of signing of the agreement until the end of the initial intended completion date or extensions granted for reasons attributed to the Employer by the Engineer.~~
- ~~3. The Contractor shall not be entitled to any benefit arising from the price adjustment clause for extension in the contract period for reasons attributed to the Contractor.~~
- ~~4. In the Force Majeure event the price escalation clause shall apply.~~

~~31.2 **Procedure**~~

- ~~1. Contract price shall be adjusted for increase or decrease in rates and price of labour, materials, fuels and lubricants in accordance with following principles and procedures and as per formula given in the **contract data**.~~
- ~~2. The price adjustable shall be determined during each **quarter** from the formula given in the **contract data**.~~
- ~~3. Following expression and meaning are assigned to the work done during each **quarter**: **R** = Total value of work during the **quarter**. It would include the amount of secured advance granted, if any, during the quarter, less the amount of secured advance recovered, if any during the **quarter**, **less value of material issued by the department, if any, during the quarter**.~~
- ~~4. Weightages of various components of the work shall be as per the **Contract Data**.~~

- ~~31.3 To the extent that full compensation for any rise or fall in costs to the contractor is not covered by the provisions of this or other clauses in the contract, the unit rates and prices~~

~~included in the contract shall be deemed to include amounts to cover the contingency of such other rise or fall in costs.~~

~~31.4 The index relevant to any quarter, for which such compensation is paid, shall be the arithmetical average of the indices relevant of the calendar month.~~

~~31.5 For the purpose of clarity it is pointed out that the price adjustment may be either positive or negative, i.e. if the price adjustment is in favour of the Employer, the same shall be recovered from the sums payable to the Contractor.~~

~~32. Mobilization and Construction Machinery Advance~~

~~32.1 Payment of advances shall be applicable if provided in the **Contract Data**.~~

~~32.2 If applicable, the Engineer in Charge shall make interest bearing advance payment to the contractor of the amounts stated in the **Contract Data**, against provision by the contractor of an unconditional Bank Guarantee in a form and by a nationalized/ scheduled banks, in the name as stated in the **Contract Data**, in amounts equal to the advance payment. The guarantee shall remain effective until the advance payment has been repaid, but the amount of the guarantee shall be progressively reduced by the amounts repaid by the contractor.~~

~~32.3 The rate of interest chargeable shall be as per **Contract Data**.~~

~~32.4 The construction machinery advance, if applicable, shall be limited to 80% of the cost of construction machinery and admissible only for new construction machinery.~~

~~32.5 The advance payment shall be recovered as stated in the **Contract Data** by deducting proportionate amounts from payment otherwise due to the Contractor. No account shall be taken of the advance payment or its recovery in assessing valuations of work done, variations, price adjustments, compensation events, or liquidated damages.~~

~~33. Secured Advance~~

~~33.1 Payment of Secured Advance shall be applicable if provided in the **Contract Data**.~~

~~33.2 If applicable, the Engineer shall make advance payment against materials intended for but not yet incorporated in the Works and against provision by the contractor of an unconditional Bank Guarantee in a form and by a nationalized/ scheduled bank, in the name as stated in the **Contract Data**, in amounts equal to the advance payment. The guarantee shall remain effective until the advance payment has been adjusted, but the amount of the **guarantee shall be progressively reduced by the amounts adjusted by the contractor.**~~

~~33.3 The amount of secured advance and conditions to be fulfilled shall be as stipulated in the **Contract Data**.~~

~~33.4 The Secured Advance paid shall be recovered as stated in the **Contract Data**.~~

~~34. Payment Certificates~~

The payment to the contractor will be as follows for construction work:

- (a) The Contractor shall submit to the Engineer monthly statements of the value of the work executed less the cumulative amount certified previously, supported with detailed measurement of the items of work executed.
- (b) The Engineer shall check the Contractor's monthly statement and certify the amount to be paid to the Contractor.
- (c) The value of work executed shall be determined, based on the measurements approved by the Engineer/ Engineer-in-charge.

- (d) The value of work executed shall comprise the value of the quantities of the items in the Bill of Quantities completed.
- (e) The value of work executed shall also include the valuation of Variations and Compensation Events.
- (f) All payments shall be adjusted for deductions for advance payment, security deposit, other recoveries in terms of contract and taxes at source as applicable under the law.
- (g) The Engineer may exclude any item certified in a previous certificate or reduce the proportion of any item previously certified in any certificate in the light of later information.
- (h) Payment of intermediate certificate shall be regarded as payments by way of advance against the final payment and not as payments for work actually done and completed.
- (i) Intermediate payment shall not preclude the requiring of bad, unsound and imperfect or unskilled work to be removed and taken away and reconstructed or be considered as an admission of the due performance of the contractor any part thereof, in any respect or the occurring of any claim.
- (j) The payment of final bill shall be governed by the provisions of **clause 36 of GCC**.

E. Finishing the Contract

35. Completion Certificate

- 35.1** A Completion Certificate in the prescribed format in **Contract Data** shall be issued by the Engineer-in-Charge after physical completion of the Work.
- 35.2** After final payment to the Contractor, a Final Completion Certificate in the prescribed format in the **Contract Data** shall be issued by the Engineer-in-Charge.

36. Final Account

- 36.1** The Contractor shall supply the Engineer with a detailed account of the total amount that the Contractor considers payable for works under the Contract within 21 days of issue of certificate of physical completion of works. The Engineer shall issue a Defects Liability Certificate and certify any payment that is due to the Contractor within 45 days of receiving the Contractor's account if it is correct and complete. If the account is not correct or complete, the Engineer shall issue within 45 days a schedule that states the scope of the corrections or additions that are necessary. If the Account is still unsatisfactory after it has been resubmitted, the matter shall be referred to the Competent Authority as defined in the Contract Data, who shall decide on the amount payable to the Contractor after hearing the Contractor and the Engineer in Charge.
- 36.2** In case the account is not received within 21 days of issue of Certificate of Completion as provided in clause 35.1 above, the Engineer shall proceed to finalise the account and issue a payment certificate within 28 days.

F. Other Conditions of Contract

37. Currencies

All payments will be made in Indian Rupees.

38. Labour

38.1 The Contractor shall, unless otherwise provided in the Contract, make his own arrangements for the engagement of all staff and labour, local or other, and for their payment, housing, feeding and transport.

38.2 The Contractor shall, if required by the Engineer, deliver to the Engineer a return in detail, in such form and at such intervals as the Engineer may prescribe, showing the staff and the numbers of the several classes of labour from time to time employed by the Contractor on the Site and such other information as the Engineer may require.

39. Compliance with Labour Regulations

39.1. During continuance of the Contract, the Contractor and his sub-Contractors shall abide at all times by all existing labour enactments and rules made there under, regulations, notifications and bye laws of the State or Central Government or local authority and any other labour law (including rules), regulations, bye laws that may be passed or notification that may be issued under any labour law in future either by the State or the Central Government or the local authority. Salient features of some of the major labour laws that are applicable to construction industry are given in the **Contract Data**. The Contractor shall keep the Employer indemnified in case any action is taken against the Employer by the competent authority on account of contravention of any of the provisions of any Act or rules made there under, regulations or notifications including amendments. If the Employer is caused to pay or reimburse, such amounts as may be necessary to cause or observe, or for non-observance of the provisions stipulated in the notifications/byelaws/Acts/Rules/ regulations including amendments, if any, on the part of the Contractor, the Engineer/Employer shall have the right to deduct from any money due to the Contractor including his amount of performance security. The Employer/Engineer shall also have right to recover from the Contractor any sum required or estimated to be required for making good the loss or damage suffered by the Employer. The employees of the Contractor and the Sub-Contractor in no case shall be treated as the employees of the Employer at any point of time.

40. Audit and Technical Examination

Government shall have the right to cause an audit and technical examination of the works and the final bill of the contract including all supporting vouchers, abstract etc. to be made after payment of the final bill and if as a result of such audit and technical examination any sum is found to have been overpaid in respect of any work done by the contractor under the contract or any work claimed by him to have been done under the contract and found not to, have been executed, the Contractor shall be liable to refund the amount of overpayment and it shall be lawful for Government to recover the same from him in the manner prescribed in **clause 24** above and if it is found that the Contractor was paid less than what was due to him, under the contract in respect of any work executed by him under it, the amount of such under payment shall be duly paid by Government to the Contractor.

41. Death or Permanent Invalidity of Contractor

If the Contractor is an individual or a proprietary concern, partnership concern, dies during the currency of the contract or becomes permanently incapacitated, where the surviving partners are only minors, the contract shall be closed without levying any damages/ compensation as provided for in **clause 28.2** of the contract agreement. However, if the competent authority is satisfied about the

competence of the survivors, then the competent authority shall enter into a fresh agreement for the remaining work strictly on the same terms and conditions under which the contract was awarded.

42. Jurisdiction

This contract has been entered into the State of Madhya Pradesh and its validity, construction, interpretation and legal effect shall be subjected to the courts at the place where this agreement is entered into. No other jurisdiction shall be applicable.

[End of GCC]

Executive Engineer
MPHIDB Division 01 Gwalior

Contract Data

GCC Clause	Particulars	Data
1.14	Employer	M.P. HOUSING & INFRASTRUCTURE DEVELOPMENT BOARD
1.15	Engineer	EXECUTIVE ENGINEER MPHIDB
1.16	Engineer in Charge	EXECUTIVE ENGINEER MPHIDB DIVISION 01 GWALIOR
1.22	Stipulated period of completion	18 Month I/C Rainy Season
3	Language & Law of Contract	English & Indian Contract Act 1872
4	Address & contact details of the Contractor	As per Annexure H
	Address & contact details of the Employer/ Engineer – Phone, Fax, email.	Executive Engineer, M.P. Housing & Infrastructure Development Board Division 01 Gwalior M.P. Phone No. Fax- Email- eedn1hbgwl@mphousing.mp.gov.in
5	Subcontracting permitted for the Contract Value	More then Rs. 20.00 Crore
	Technical Personnel to be provided by the contractor – requirement, &	As per Annexure-I (Format I-3)
6	Penalty, if required Technical Personnel not employed	Rs. 30,000/- per month for Graduate Engineer & Rs.18,000/- per month for Diploma Engineer
10	Specifications	As per Annexure E
	Drawings	As per Annexure – N
12	Competent Authority for deciding dispute under Dispute Resolution System	Dy. Housing Commissioner, M.P. Housing & Inf. Dev. Board, Circle, Gwalior (M.P.)
	Appellate Authority for deciding dispute under Dispute Resolution System	Additional Housing Commissioner, M.P. Housing & Inf. Dev. Board, H.O. Mother Teresa Marg, Paryavas Bhawan, Bhopal – 462 016 (M.P.)
13	Period for submission of updated construction program	Every three month or the end of every milestone whichever is less.

	Amount to be withheld for not submitting construction program in the prescribed period	1% of contract amount subject to maximum of Rs. 50,000/-
14	Competent Authority for granting Time Extension	Up to Three month Executive Engineer and More than Three month Dy. H. C.
15	Milestones laid down for the contract	Yes
	If Yes, details of Milestones	As per Annexure – O
	Liquidated damage 15.8	(i) As per Annexure – P: (ii) 1% of the contract amount in the form of irrecoverable bank guarantees (BG) Valid till two years from the date of physical completion certificate. Bank guarantee can be released if no litigation exist during such period (This provision is not applicable in deposit Works) ~~15-9 जहां योजना / संपत्ति निर्माण की निविदा में वर्णित शर्तों के आधार पर संभावित निर्माण अवधि को ध्यान में रखते हुए ई ऑफर के माध्यम से संपत्ति का विक्रय किया जाता है, लेकिन संपत्ति का निर्माण मण्डल अथवा निविदाकार द्वारा निर्माण में विलंब करने के कारण संपत्ति हेतु नियत समय सारणी के अंतर्गत संपत्ति का विक्रय पत्र निष्पादित होकर संपत्ति का हस्तांतरण नहीं हो पाता है, ऐसी स्थिति में क्रेता पर विलंब अवधि का ब्याज भारित नहीं करते हुए ऐसे ब्याज की वसूली निर्माण करने वाले निविदाकार से की जावे। (यह प्रावधान निक्षेप कार्य पर लागू नहीं होगा)।~~
17	List of equipment for lab	As per Annexure – Q:
	Time to establish lab	30 days from date of issue of LOA and 10 days before the commencement of work.
	Penalty for not establishing field Laboratory if required	01% of Contract amount subject to maximum of Rs. 50000/- Per Month for the Delay.
18	Defect Liability Period	(i) Development work 18 Month +3 Months after physical completion of work. (ii) Building works- 5 years+ 03 month after physical Completion of work
21	Competent Authority for determining the rate	Dy Housing Commissioner, M.P. Housing & Inf. Dev. Board, Circle- Gwalior M.P.

25	Taxes	25.1 The Rate quoted by the contractor shall be exclusive of the GST but inclusive of all other levies, duties, cess, toll, taxes of central and state Governments, local bodies and authorities. GST shall be paid by the MPHIDB at the time of bill raising rate prevailing, A part from GST, all other levies, duties, cess, toll, taxes of central and state Governments, local bodies and authorities shall be borne by the contractor and payable by the contractor. It is deemed to be included in the financial offer submitted by the contractor that apart from GST, all other taxes are included in the financial offer. केन्द्र सरकार, राज्य सरकार तथा म.प्र. गृह निर्माण एवं अधोसंरचना विकास मण्डल द्वारा प्रकरण में गुण-दोष के आधार पर जो भी निर्देश संशोधन किये जायेंगे, वह निविदाकर्ता पर मान्य होंगे। 25.1- Contractor shall produce the proof of deposit of GST to Govt. paid by the MPHIDB against the bill. Next payment of bill shall only be payable after due verification of GST payment to Govt. verified by E.E. of concerned Division. 25.2 – The liability if any on account of quarry fee, royalties, octroi and any other taxed and duties in respect of materials actually consumed on public work, shall be borne by the contractor. 25.3- Any changes in the taxes due to change in legislation or for any other reason shall be payable to the contractor.
27	Any other condition for breach of contract	N.A.
28	Penalty	Penalty Shall include (a) Security deposit as per clause 30 of General Conditions of Contract and (b) Liquidated Damages imposed as per 15 or Performance Security (Guarantee) Including Additional Performance Security (Guarantee). In any as per clause 29 of General Conditions of Contract, Whichever is higher
29	Performance guarantee (Security) shall be valid up to	Defect liability period plus 3 Months

30	Security Deposit to be deducted from each running bill/Final bill	At the rate of 7% (HB Circular 83 dated 23.09.2022)
	Maximum limit of deduction of Security Deposit	Up to 7% (Seven Percent) of final contract amount
	Clause 31.1 (1) Price Adjustment shall be applicable	Not applicable
31.1(1)	Price adjustment shall be applicable	Not applicable
32	~~Clause 32.1 Mobilization and Construction Machinery Advance Applicable~~	~~No advance against the Construction Machinery~~
	~~Clause 32.2 If yes, Unconditional Bank Guarantee~~	~~In the format prescribed in Annexure S~~
	~~32.3 If yes, Rate of interest chargeable on advances~~	~~10 % annual simple interest~~
	~~32.4 If yes, Type & Amount of Advance payment that can be paid~~	~~1. Mobilization advance for construction work above Rs20.00cr may be applicable limited to 10 % of contract amount~~
	~~32.5 If yes, Recovery of advance payment~~	~~Recovery of Mobilization advance shall commence when 10% of the Contract Amount is executed and recovery of total advance shall be done on pro-rata basis and shall be completed by the time work equivalent to 80% of the Contract Amount is executed. In addition to the recovery of principal amount, recovery of interest shall be carried out as calculate don the out standing amount of principal at the close of each month. The interest shall be accrue from the day of payment of advance and the recovery of interest shall commence when 10% of Contract Amount is executed and shall be completed by the time work equivalent to 80% of the Contract Amount is executed. In the event of the contractor does not achieve the proportionate progress than the recovery shall be done on monthly basis.~~
33	~~33.1 Secured Advance Applicable~~	
	~~33.2 if yes, Unconditional Bank Guarantee~~	~~In the format prescribed in Annexure T~~
	~~33.2 if yes, Amount of Secured Advance~~	~~75% of value of material as determined by the Engineer in charge~~

	33.3 if yes, Conditions for secured Advance	a) ~~The materials are in accordance with the specification for Works;~~ b) ~~Such materials have been delivered to site, and are properly stored and protected against damage or deterioration to the satisfaction of the Engineer. The contractor shall store the bulk materials in measurable stacks.;~~ c) ~~The Contractor's records of the requirements, orders, receipt and use of materials are kept in a form approved by the Engineer and such records shall be available for inspection by the Engineer;~~ d) <del>The contractor ~~has submitted~~ with his monthly statement the estimated value of the materials on site together with such documents as may be required by the Engineer for the purpose of valuation of the materials and providing evidence of ownership and payment thereof;</del> e) ~~Ownership of such materials shall be deemed to vest in the Employer for which the Contractor has submitted an indemnity Bond in an acceptable format; and~~ f) ~~The quantity of materials is not excessive and shall be used within a reasonable time as determined by the Engineer.~~ g) ~~Interest @13% shall be charged on secured advance.~~
	33.4 if yes, Recovery of Secured Advance	~~The advance shall be repaid from each succeeding monthly payments to the extent materials [for which advance was previously paid] have been incorporated into the works.~~
35	Completion Certificate – after physical completion of the Work	As per Annexure - U
	Final Completion Certificate – after final payment on completion of the Work	As per Annexure- V
36	Competent Authority	Dy. H.C. M.P. Housing & Inf. Dev. Board, Circle. Gwalior (M.P.)
39	Salient features of some of the major labour laws that are applicable	As per Annexure-W
41	Competent Authority	Addl. Housing Commissioner, M.P. Housing & Inf. Dev. Board, H.O. Bhopal (M.P.)

List of Drawings:-

S.No.	Particulars
1	Layout & Working Drawing enclosed

Executive Engineer
MPHI&DB Div 01 Gwalior

ANNEXURE – O
(See clause 15 of Section 3 -GCC)

Details of Milestones :-

S. No.	Description of Milestones (Physical)	Amount in Lakh	Time Allowed in days (form date of start)	Time period	If the Contractor fails to achieve the milestones, and the delay in execution of work is attributable to the contractor the employer shall retain an amount from the sums payable and the due to the contractor as per scale mentioned in the annexure-P (clause 15 of section - 3 GCC)
1	1/8 th of the whole work	Rs. 128.22	1/4 th of the whole time	135 Days	
2	1/8 th of the whole work .	Rs. 128.22	1/4 th of the whole time	135 Days	
3	3/4 th of the whole work	Rs. 769.29	1/2 th of the whole time	270 Days	
4	Whole work	Rs. 1025.73	Whole Time	540 Days	

Compensation for Delay

If the contractor fails to achieve the milestones, and the delay in execution of work is attributable to the contractor, the Employer shall retain an amount from the sums payable and due to the contractor as per following scale –

- i. Slippage up to 25% in financial target during the milestone under consideration
- 2.5% of the work remained unexecuted in the related time span.
- ii. Slippage exceeding 25% but Up to 50% in financial target during the milestone under consideration
- 5% of the work remained unexecuted in the related time span.
- iii. Slippage exceeding 50% but Up to 75% in financial target during the milestone under consideration
- 7.5% of the work remained unexecuted in the related time span.
- iv. Slippage exceeding 75% in financial target during the milestone under consideration.
- 10% of the work remained unexecuted in the related time span.

Note: For arriving at the dates of completion of time span related to different milestones, delays which are not attributable to the Contractor shall be considered. The slippage on any milestone is if made good in subsequent milestones or at the time of stipulated period of completion, the amount retained as above shall be refunded. In case the work is not completed within the stipulated period of completion along with all such extensions which are granted to the Contractor for either Employer's default or Force Majeure, the compensation shall be levied on the contractor at the rate of 0.05% per day of delay limited to a maximum of 10% of contract price.

The decision of competent authority shall be final and binding upon both the parties.

(B)- As per The Real Estate (Regulation and Development) Act, 2016 and The Real Estate (Regulation and Development) Rule, 2016 interest and compensation is payable to the allottee for the delay occurred in handing over of possession beyond scheduled date. For the delay interest is payable to the allottee as per State Bank of India PLR/MCLR, plus two percent and compensation if any.

In such case, interest and compensation payable to the allottee shall be recovered from the contractor for the period of delay attributed to him as per time allowed for completion of work as per contract agreement. This recovery will be in addition to the amount recoverable under (A) as above. (Not applicable for deposit work)

List of Equipment for Quality Control Lab

Minimum Requirement			Available with the bidder	
s. no.	Name of Equipment / Machinery	Quantity	Name of Equipment / Machinery	Quantity
1	Oven- Electrically operated, thermostatically controlled range upto 200° C Sensitivity 1°C	1 No		
2	Platform balance 300 kg capacity	1 No		
3	Balance 20 kg capacity self indicating type	1 No		
4	Electronic Balance 5 kg capacity accuracy 0.5 gm	2 No		
5	Water bath electrically operated and thermostatically controlled with adjustable shelves, sensitivity 1°C	1 No		
6	Thermometers : Mercury-in-glass thermometer range 0 to 250 C Mercury-in-steel thermometer with 30cm. stem, range upto 300 C	4 No		
7	Kerosene or gas stove or electric hot plate	1 No		
8	Glassware's, spatulas, wire gauzes, steel scales, measuring tape, casseroles, karahis, enameled trays of assorted sizes, pestle-mortar, porcelain dishes, gunny bags, plastic bags, chemicals, digging tools like pickaxes, shovels etc.	As required		
9	Set of IS sieves with lid and pan : 450 mm diameter : 63mm, 53mm, 37.5mm, 26.5mm, 13.2mm 9.5mm, 6.7mm and 4.75mm size. 200mm diameter : 2.36mm, 2.0mm, 1.18mm, 600 micron, 425 micron, 300 micron, 150 micron and 75 micron	1 Set		
10	Water testing kit	2 Set		
11	First aid box	1 Set		
	121.3.2 – For soils and aggregates	1 Set		
1	Riffle Box	1 No		
2	Atterbergs limits (liquid and plastic limits) determination apparatus	1 Set		
3	Compaction Test Equipments both 2.5 Kg. and 4.5 Kg rammers (Light and heavy compactive errors)	1 Set		
4	Dry bulk density test apparatus (Sand pouring cylinder, tray, can etc.) complete.	1 Set		
5	Speedy Moisture meter complete with chemicals	1 Set		
6	Post hole Auger with extensions	1 Set		

7	Core cutter apparatus 10cm dia, 10/15 cm height complete with dolly, rammer etc.	1 Set		
8	Aggregate impact value test apparatus / Los Angeles Abrasion Test apparatus	1 Set		
9	Flakiness and Elongation Test Gauges	1 Set		
10	Standard measures of 30, 15 and 3 liters capacity along with standard tamping rod.	1 Set		
11	California Bearing Ratio test apparatus	1 Set		
12	Unconfined compression test apparatus	1 Set		
	121.3.3 For Bitumen and bituminous mixes			
1	Penetrometer with standard needles	1 Set		
2	Riffle box – small size	1 No		
3	Centrifuge type bitumen extractor, hand operated, complete with petrol/ commercial benzene	1 Set		
4	Marshall stability test apparatus, complete with all accessories	1 Set		
5	Field density bottle along with cutting tray, chisel, hammer and standard sand	2 No		
6	3 m straight edge	1 No		
7	Camber Board	1 No.		
8	Core cutting machine with 10 cm dia diamond cutting edge	1 Set		
9	Vacuum pump and 3 specific gravity bottles	1 Set		
	121.3.4 – For Cement and Cement Concrete			
1	Vicat apparatus for testing setting times	1 Set		
2	Slump testing apparatus	4 Set		
3	Compression and flexural strength testing machine of 200 tonne capacity with additional dial for flexural testing	1 No		
4	Needle Vibrator	2 No		
5	Air Meter	1 No		
6	Vibrating hammer for vibrating dry mix as for Dry Lean Cement concrete sub base	1 No		

**Executive Engineer
MPHI&DB Div. 01 Gwalior**

Price Adjustment (Not Applicable)

The formulas for adjustment of price are as follow:

R – Value of work as defined in Clause 31.2(3) of General Conditions of Contract

Weightages* of component in the work

S.No	Component	Percentage of component in the work
1	Cement – Pc	
2	Steel – Ps	
3	Bitumen – Pb	
4	POL – Pf	

* Weightages of various components of the work shall be as determined by the competent technical sanction authority.

Adjustment for cement component

(ii) Price adjustment for increase or decrease in the cost of cement procured by the contractor shall be paid in accordance with the following formula:

$$VC = 0.85 \times PC/100 \times R \times (C1 - C0)/C0$$

Vc = increase or decrease in the cost of work during the month under Consideration due to changes in rates for cement.

C0 = The all India wholesale price index for **Grey** cement on the date of opening of Bids as published by the Ministry of Industrial Development, Government of India, New Delhi. (www.eaindustry.nic.in)

C1 = The all India average wholesale price index for **Grey** cement for the month under consideration as published by Ministry of Industrial Development, Government of India, New Delhi. (www.eaindustry.nic.in)

Pc = Percentage of cement component of the work

Note : For the application of this clause, index of Grey Cement has been chosen to represent Cement group.

Adjustment of steel component

(iii) Price adjustment for increase or decrease in the cost of steel procured by the Contractor shall be paid in accordance with the following formula:

$$V_s = 0.85 \times PS \times /100 \times R \times (S_1 - S_0)/S_0$$

V_s = Increase or decrease in the cost of work during the month under consideration due to changes in the rates for steel.

S_0 = The all India wholesale price index for steel (**Bars and Rods**) on the date of opening of Bids as published by the Ministry of Industrial Development, Government of India, New Delhi. (www.eaindustry.nic.in)

S_1 = The all India average wholesale price index for steel (Bars and Rods) for the month under consideration as published by Ministry of Industrial Development, New Delhi. (www.eaindustry.nic.in)

P_s = Percentage of steel component of the work.

Note : For the application of this clause, index of Bars and Rods has been chosen to represent steel group.

Adjustment of bitumen component

(iv) Price adjustment for increase or decrease in the cost of bitumen shall be paid in accordance with the following formula:

$$V_b = 0.85 \times P_b / 100 \times R \times (B_i - B_o) / B_o$$

V_b = Increase or decrease in the cost of work during the month under consideration due to changes in rates for bitumen.

B_o = The official retail price of bitumen at the IOC depot at nearest center on the date of opening of Bids.

B_i = The official retail price of bitumen of IOC depot at nearest center for the 15th day of the month under consideration.

P_b = Percentage of bitumen component of the work.

Adjustment of POL (fuel and lubricant) component

(V) Price adjustment for increase or decrease in cost of POL (fuel and lubricant) shall be paid in accordance with the following formula:

$$V_f = 0.85 \times P_f / 100 \times R \times (F_i - F_o) / F_o$$

V_f = Increase or decrease in the cost of work during the month under consideration due to changes in rates for fuel and lubricants.

F_o = The official retail price of High Speed Diesel (HSD) at the existing consumer pumps of IOC at nearest center on the date of opening of Bids.

F_i = The official retail price of HSD at the existing consumer pumps of IOC at nearest center for the 15th day of month of the under consideration.

P_f = Percentage of fuel and lubricants component of the work.

Note: For the application of this clause, the price of High Speed Diesel has been chosen to represent fuel and lubricants group.

**Bank Guarantee Form for Mobilization and
Construction Machinery Advance**

To

[Name & address of Employer]

[Name of Contractor]

In accordance with the provisions of the General Conditions of Contract, clause 31 ("Mobilization and Construction Machinery Advance") of the above mentioned Contract _____ [name and address of Contractor] (hereinafter called "the Contractor") shall deposit with _____ [name of Employer] a bank guarantee to guarantee his proper and faithful performance under the said Clause of the Contract in an amount of _____ [amount of Guarantee]* _____ [in words].

We, the _____ [bank of financial institution], as instructed by the Contractor, agree unconditionally and irrevocably to guarantee as primary obligator and not as surety merely, the payment to _____ [name of Employer] on his first demand without whatsoever right of obligation on our part and without his first claim to the Contractor in the amount not exceeding _____ [amount of guarantee]* _____ [in words].

We further agree that no change or addition to or other modification of the terms of the Contractor or Works to be performed there under or of any of the Contract documents which may be made between _____ [name of Employer] and the Contractor, shall in any way release us from any liability under this guarantee, and we hereby waive notice of any such change, addition or modification.

This guarantee shall remain valid and in full effect from the date of the advance payment under the Contract until _____ [name of Employer] receives full repayment of the same amount from the Contractor.

Yours truly, _____

Signature and Seal : _____

Name of Bank/Financial Institution: _____

Address : _____

Date : _____

* _____ An amount shall be inserted by the Bank or Financial Institution representing the amount of the Advance Payment, and denominated in Indian Rupees.

Bank Guarantee Form for Secured Advance

INDENTURE FOR SECURED ADVANCES

This indenture made the _____ day of _____ 20____ BETWEEN _____
(hereinafter called the contractor which expression shall where the context so admits or implies be deemed to include his executors, administrators and assigns) or the one part and the Employer of the other part.

Whereas by an agreement dated _____ (hereinafter called the said agreement) the contractor has agreed:

AND WHEREAS the contractor has applied to the Employer that he may be allowed advanced on the security of materials absolutely belonging to him and brought by him to the site of the works the subject of the said agreement for use in the construction of such of the works as he has undertaken to executive at rates fixed for the finished work (inclusive of the cost of materials and labour and other charges)

AND WHEREAS the Employer has agreed to advance to the Contractor the sum of Rupees _____ on the security of materials the quantities and other particulars of which are detailed in Accounts of Secured Advance attached to the Running Account Bill for the said works signed by the Contractor on _____ and the Employer has reserved to himself the option of making any further advance or advances on the security of other materials brought by the Contractor to the site of the said works.

Now THIS INDENTURE WITNESSETH that in pursuance of the said agreement and in consideration of the sum of Rupees _____ on or before the execution of these presents paid to the Contractor by the Employer (the receipt where of the Contractor doth hereby acknowledge) and of such further advances (if any) as may be made to him for a for said the Contractor doth hereby covenant and agree with the President and declare as follows:

- That the said sum of Rupees _____ so advanced by the Employer to
- (1) the Contractor as aforesaid and all or any further sum of sums advanced as aforesaid shall be employed by the Contractor in or towards expending the execution of the said works and for no other purpose whatsoever.
 - (2) That the materials details in the said Account of Secured Advances which have been offered to and accepted by the Employer as security are absolutely the Contractor's own propriety and free from encumbrances of any kind and the contractor will not make any application for or receive a further advance on the security of materials which are not absolutely his own property and free from encumbrances of any kind and the Contractor indemnified the Employer against all claims to any materials in respect of which an advance has be made to him as aforesaid.
 - (3) That the materials detailed in the said account of Secured Advances and all other materials on the security of which any further advance or advances may hereafter be made as aforesaid (hereafter called the said materials) shall be used by the Contractor solely in the execution of the said works in accordance with the directions of the Engineer.

- (4) That the Contractor shall make at his own cost all necessary and adequate arrangements for the proper watch, safe custody and protection against all risks of the said materials and that until used in construction as aforesaid the said materials shall remain at the site of the said works in the Contractor's custody and on his own responsibility and shall at all times be open to inspection by the Engineer or any officer authorized by him. In the event of the said materials or any part thereof being stolen, destroyed or damaged or becoming deteriorated in a greater degree than is due to reasonable use and wear thereof the Contractor will forthwith replace the same with other materials of like quality or repair and make good the same required by the Engineer.
- (5) That the said materials shall not be removed from the site of the said works except with the written permission of the Engineer or an officer authorized by him on that behalf.
- (6) That the advances shall be repayable in full when or before the Contract receives payment from the Employer of the price payable to him for the said works under the terms and provisions of the said agreement. Provided that if any intermediate payments are made to the Contractor on account of work done than on the occasion of each such payment the Employer will be at liberty to make a recovery from the Contractor's bill for such payment by deducting there from the value of the said materials than actually used in the construction and in respect of which recovery has not been made previously, the value for this purpose being determined in respect of each description of materials at the rates at which the amounts of the advances made under these presents were calculated.
- (7) That if the Contractor shall at any time make any default in the performance or observance in any respect of any of the terms and provisions of the said agreement or of these presents the total amount of the advance or advances then may still be owing of the Employer shall immediately on the happening of such default be repayable by the Contractor to be the Employer together with interest thereon at twelve percent per annum from the date or respective dates of such advance or advances to the date of repayment and with all costs, charges, damages and expenses incurred by the Employer in or for the recovery thereof or the enforcement of this security or otherwise by reason of the default of the Contractor and the Contractor hereby covenants and agrees with the Employer to repay and pay the same respectively to him accordingly.
- (8) That the Contractor hereby charges all the said materials with the repayment to the Employer of the said sum of Rupees _____ and any further sum of sums advanced as aforesaid and all costs, charges, damages and expenses payable under these presents PROVIDED ALWAYS and it is hereby agreed and declared that notwithstanding anything in the said agreement and without prejudice to the power contained therein if and whenever the covenant for payment and repayment here in before contained shall become enforceable and the money owing shall not be paid in accordance there with the Employer may at any time thereafter adopt all or any of the following courses as he may deem best:
- (a) Seize and utilize the said materials or any part thereof in the completion of the said works on behalf of the contractor in accordance with the provision in that behalf contained in the said agreement debiting the contractor with the actual cost of effecting such completion and the amount due to the contractor with the value of work done as if he had carried it out in accordance with the said agreement and at the rates thereby provided. If the balance is against the contractor, he is to pay same to the Employer on demand.

- ~~(b) — Remove and sell by public auction the seized materials or any part thereof and out of the moneys arising from the sale retain all the sums aforesaid repayable or payable to the Employer under these presents and pay over the surplus (if any) to the Contractor.~~
- ~~(c) — Deduct all or any part of the moneys owing out of the security deposit or any sum due to the Contractor under the said agreement.~~
- ~~(9) — That except in the event of such default on the part of the contractor as aforesaid interest on the said advance shall not be payable.~~
- ~~(10) — That in the event of any conflict between the provisions of these presents and the said agreement the provisions of these presents shall prevail and in the event of any dispute or difference arising over the construction or effect of these presents the settlement of which has not been here in before expressly provided for the same shall be referred to the Employer whose decision shall be final and the provision of the Indian Arbitration Act for the time being in force shall apply to any such reference.~~

Physical Completion Certificate

Name of Work:

Agreement No. Date

Amount of Contract Rs

Name of Agency :

Used MB No.

Last measurement recorded

a. Page No. & MB No.

b. Date

Certified that the above mentioned work was physically completed on (date) and taken over on (date) and that I have satisfied myself to best of my ability that the work has been done properly.

Date of issue

Executive Engineer

Final Completion Certificate

Name of Work:

Agreement no. Date

Name of Agency :

Used MB No.

Last measurement recorded

a. Page No. & MB No.

b. Date

Certified that the above mentioned work was physically completed on (date) and taken over on (date).

Agreed amount Rs.

Final Amount paid to contractor Rs.

Incumbency of officers for the work

I have satisfied myself to best of my ability that the work has been done properly.

Date of issue

Executive Engineer

Salient Features of Some Major Labour Laws Applicable

- a) **Workmen Compensation Act 1923:** - The Act provides for compensation in case of injury by accident arising out of and during the course of employment.
- b) **Payment of Gratuity Act 1972:** - Gratuity is payable to an employee under the Act on satisfaction of certain conditions on separation if an employee has completed the prescribed minimum years (say, five years) of service or more or on death the rate of prescribed minimum days' (say, 15 days) wages for every completed year of service. The Act is applicable to all establishments employing the prescribed minimum number (say, 10) or more employees.
- c) **Employees P.F. and Miscellaneous Provision Act 1952:** The Act Provides for monthly contributions by the Employer plus workers at the rate prescribed (say, 10% or 8.33%). The benefits payable under the Act are: i. Pension or family pension on retirement or death as the case may be. ii. Deposit linked insurance on the death in harness of the worker. iii. Payment of P.F. accumulation on retirement/death etc.
- d) **Maternity Benefit Act 1951:** - The Act provides for leave and some other benefits to women employees in case of confinement or miscarriage etc.
- e) **Contract Labour (Regulation & Abolition) Act 1970:** - The Act provides for certain welfare measures to be provided by the Contractor to contract labour and in case the Contractor fails to provide, the same are required to be provided, by the Principal Employer by Law. The principal Employer is required to take Certificate of Registration and the Contractor is required to take license from the designated Officer. The Act is applicable to the establishments or Contractor of Principal Employer if they employ prescribed minimum (say 20) or more contract labour.
- f) **Minimum Wages Act 1948:** - The Employer is to pay not less than the Minimum Wages fixed by appropriate Government as per provisions of the Act if the employment is a scheduled employment. Construction of buildings, roads, runways is scheduled employment.
- g) **Payment of Wages Act 1936:** - It lays down as to by what date the wages are to be paid, when it will be paid and what deductions can be made from the wages of the workers.
- h) **Equal Remuneration Act 1979:** - The Act provides for payment of equal wages for work of equal nature to male and female workers and for not making discrimination against female employees in the matters of transfers, training and promotions etc.
- i) **Payment of Bonus Act 1965:** - The Act is applicable to all establishments employing prescribed minimum (say, 20) or more workmen. The Act provides for payments of annual bonus within the prescribed range of percentage of wages to employees drawing up to the prescribed amount of wages, calculated in the prescribed manner. The Act does not apply to certain establishments. The newly set-up establishments are exempted for five years in certain circumstances. States may have different number of employment size.
- j) **Industrial Disputes Act 1947:** - The Act lays down the machinery and procedure for resolution of industrial disputes, in what situations a strike or lock-out becomes illegal and what are the requirements for laying off or retrenching the employees or closing down the establishment.
- k) **Industrial Employment (Standing Orders) Act 1946:** - It is applicable to all establishments employing prescribed minimum (say, 100, or 50). The Act provides for laying down rules governing the

conditions of employment by the Employer on matters provided in the Act and gets these certified by the designated Authority.

- l) **Trade Unions Act 1926:** - The Act lays down the procedure for registration of trade unions of workmen and Employers. The Trade Unions registered under the Act have been given certain immunities from civil and criminal liabilities.
- m) **Child Labour (Prohibition & Regulation) Act 1986:** - The Act prohibits employment of children below 14 years of age in certain occupations and processes and provides for regulations of employment of children in all other occupations and processes. Employment of child labour is prohibited in building and construction industry.
- n) **Inter-State Migrant Workmen's (Regulation of Employment & Conditions of Service) Act 1979:** - The Act is applicable to an establishment which employs prescribed minimum (say, five) or more inter-state migrant workmen through an intermediary (who has recruited workmen in one state for employment in the establishment situated in another state). The Inter-State migrant workmen, in an establishment to which this Act becomes applicable, are required to be provided certain facilities such as Housing, Medical-Aid, Travelling expenses from home up to the establishment and back etc.
- o) **The Building and Other Construction workers (Regulation of Employment and Conditions of Service) Act 1996 and the Cess Act of 1996:** - All the establishments who carry on any building or other construction work and employs the prescribed minimum (say, 10) or more workers are covered under this Act. All such establishments are required to pay cess at the rate not exceeding 2% of the cost of construction as may be modified by the Government. The Employer of the establishment is required to provide safety measures at the building or construction work and other welfare measures, such as canteens, first-aid facilities, ambulance, housing accommodations for workers near the work place etc. The Employer to whom the Act applies has to obtain a registration certificate from the Registering Officer appointed by the Government.
- p) **Factories Act 1948:** - The Act lays down the procedure for approval of plans before setting up a factory, health and safety provisions, welfare provisions, working hours, annual earned leave and rendering information regarding accidents or dangerous occurrences to designated authorities. It is applicable to premises employing the prescribed minimum (say, 10) persons or more with aid of power or another prescribed minimum (say, 20) or more persons without the aid of power engaged in manufacturing process.

SECTION 3
Conditions of Contract

Part – II Special Conditions of Contract [SCC]

1. Income Tax to be deducted as per rules.
2. Labour welfare tax to be deducted as per rules.
3. Royalty to be deducted from the each running bills/final bill and Final bill to be paid only after submitting Royalty clearances certificate from the Concerning Distt. Collector by the contractor as per rules.
4. In the event of tender with-drawing the offer, before the expiry of the Period of validity of offer failing to execute the contract agreement as per requirement of Notice inviting tender (NIT). He will not be entitled to tender for this work in case of recall in addition of forfeiture of his earnest money. If the tender has committed a similar default, on an earlier occasion as well his registration may be suspended temporarily for a period of 6 months from such date as may be ordered by the competent authority.
5. Contractor bound carried out the mandatory tests of materials used in the construction works for desired frequency from the Government laboratories for the Quality Control of the work. If the contractor fails to do so than testing charges to be recovered from the running bills/final bill as fixed by the central research laboratory M.P. P.W.D. Bhopal.
6. @ 20% Roof cost to be withheld (Amount to be withheld for water proofing works) from the final bill for two rainy season after physical completion of the work.
7. List of Plants and machinery enclosed.
8. Performance guarantee shall not be enforced on incidence of breakage of glass panes and theft of a building element. Contractor shall paint the buildings in possession of the Board at the end of fifth year at his own cost, no payment shall be made for this) after completion of building works (after dated of issue of physical completion certificate as per Annexure-U), all elements of a building with one coat of same material which has been applied in original work. Putty work shall not be repeated except where damage to putty has, occurred due to poor workmanship or leakage/seepage. Painting work done during PG period in accordance to this condition shall be recorded (not for payment in the measurement book of final bill of the same work and shall be mentioned in the letter to be issued by the executive engineer at the time of release of security deposit after the end of performance guarantee period (Defects liability period)
9. Building shall be periodically inspected jointly by the contractor and Engineer-in-charge or their authorized representative twice a year, out of which one inspect on shall take place during rainy months of July-August-September and inspection note shall be issued by the engineer in charge or his authorized representative describing defects noticed. Defects of emergent nature such as leakage/seepage, breakage

of waste/soil pipe, water supply/drainage pipe shall be repaired, rectified by the contractor within three days and other defects shall also be repaired/ rectified within 15 days for which compliance shall be well documented and taken into account (speaking order) while releasing security deposit at the end of guarantee period (Defects Liability period).

10. The prequalification limit for building work shall be Rs.200 (Two hundred) lacs the pre-qualification limit (PQ Limit) mentioned elsewhere in the tender documents will be superseded.
11. ~~GST to be deducted from each running bill and final bill as per rule. Bidder should submit copy of GST returns (All) time to time.~~

The Rate quoted by the contractor shall be exclusive of the GST but inclusive of all other levies, duties, cess, toll, taxes of central and state Governments, local bodies and authorities. GST shall be paid by the MPHIDB at the time of bill raising rate prevailing, A part from GST, all other levies, duties, cess, toll, taxes of central and state Governments, local bodies and authorities shall be borne by the contractor and payable by the contractor. It is deemed to be included in the financial offer submitted by the contractor that apart from GST, all other taxes are included in the financial offer.

केन्द्र सरकार, राज्य सरकार तथा म.प्र. गृह निर्माण एवं अधोसंरचना विकास मण्डल द्वारा प्रकरण में गुण-दोष के आधार पर जो भी निर्देश संशोधन किये जायेंगे, वह निविदाकर्ता पर मान्य होंगे।

Contractor shall produce the proof of deposit of GST to Govt. paid by the MPHIDB against the bill. Next payment of bill shall only be payable after due verification of GST payment to Govt. verified by E.E. of concerned Division. (The Amendment issued by the AHC, HO, Bpl's Circular No.60 dated 23.09.2017).

12. Refer Circular No 04 dated 22.01.2020 and Refer Circular No 76 dated 25/01/2020 Action Plan for environment related issues with Mitigation Measures

Action Plan for Environment related issues with mitigation measures		
Sl. No.	Environmental Issues	Mitigation Measures
1	Generation of dust	•The contractor will take every precaution to reduce the levels of dust at construction sites. • Water will be sprayed as required, on locations of excavations, internal unfinished roads/walkways and locations of sand and sub grade storages. • Water for spraying will be used from the water stored for construction. • All filling works are to be protected or covered in a manner to minimize dust generation in order to minimize dust impacts. • Construction site will be protected through prefabricated Mild Steel sheets of adequate height. • Air quality monitoring will be conducted as and when required.
2	Emission from construction vehicles, equipment and machinery	•All vehicles, equipment, and machinery used for construction shall conform to the Government of India vehicle emission norms. For equipment emission norms as specified in Environmental Protection Rules 2000 will be followed. •The discharge standards promulgated under the Environment Protection Act, 1986 shall be adhered to. •The Contractor shall maintain a record of pollution under control for all vehicles and machinery used during the contract period, which shall be produced for verification whenever required.
3	Water pollution from fuel and lubricants	•The contractor shall ensure that all construction vehicle parking locations; fuel and lubricants storage sites; vehicle, machinery, and equipment maintenance and refuelling sites shall be located at sufficient distance from the existing buildings. •The contractor shall also ensure that all vehicles and machinery, as well as equipment operation, maintenance, and refuelling shall be carried out in such a manner that spillage of fuels and lubricants does not contaminate the ground. •Waste water from vehicle parking and fuel storage areas will be diverted to an oil and grease interceptor. The waste oil skimmed from oil interceptor will be stored in leak proof drums and will be sold to authorize recyclers only. The refuelling and vehicle maintenance will be avoided at the campus.
4	Soil pollution due to fuel and lubricants, construction wastes	•The fuel storage and vehicle cleaning area will be stationed such that spillage of fuels and lubricants does not contaminate the ground. •Soil and pollution parameters will be monitored as per monitoring plan.
5	Soil erosion and water ponding on account of excavation	•Slope protection measures will be undertaken as per design to control soil erosion especially on side slopes of access and internal roads. •The excavation works will be avoided during monsoon months to avoid soil erosion, stagnation of water, and vector - borne diseases.
6	Water pollution from construction wastes	•The contractor shall take all precautionary measures to prevent entry of waste water in to any building area or open area.
7	Stockpiling of	•Stockpiling of construction materials will be done in such a way that it

	construction materials	does not impact and obstruct the drainage. •Stockpiles will be covered to protect from dust and erosion.
8	Arrangement for construction water	•To avoid disruption or disturbance to other water users, the contractor shall arrange water from the market through authorized tanker suppliers or from the local municipality.
9	Waste disposal	•The pre-identified disposal location shall be part of the comprehensive waste disposal plan. •A solid waste management plan will be prepared by the contractor in consultation with local civic authorities. • Contractor shall ensure that waste shall not be disposed off near storm water natural drain in the surrounding of the site and along the access path.
10	Drinking water availability at construction camp and construction site	•Sufficient supply of cold potable water to be provided and maintained. The drinking water will be obtained from the market. No public supply source in the vicinity of sub- project will be used for drinking or construction purposes. The drinking water will be stored in a suitable size storage tank to ensure uninterrupted availability. •Contractor will submit his plan on how availability of drinking water shall be assured. The original source of the water supplied by the tankers will be recorded.
11	Site clearance activities, including delineation of construction areas	•Only ground cover or shrubs and few trees that directly affect the permanent works or necessary temporary works shall be removed with prior approval from the environmental expert. •All areas used for temporary construction operations will be subjected to complete restoration to their former condition with appropriate rehabilitation procedures. • Photographic records shall be maintained for the temporary sites used for construction. These will help in proper restoration.
12	Traffic circulation plan during construction	•Prior to commencement of site activities and mobilization on ground, the contractor will prepare and get approval from the engineer (MPHIB Circle Engineer) for a circulation plan during construction for safe passage of vehicles.
13	Sanitation facilities at construction camp	•The contractor shall provide sanitation facilities at the camp site. These facilities will include dustbins in adequate numbers for solid waste collection, and separate toilets for male and female workers. •Toilet facilities shall be maintained and septic tanks or soak pits shall be provided. The dust bins shall be regularly emptied and waste from camp site shall be disposed of at designated locations.
14	Noise pollution	•The contractor shall confirm that all construction equipment shall strictly conform to the Ministry of Environment, Forests and Climate Change and Central Pollution Control Board noise standards. •Contractor must ensure that all vehicles and equipment used in construction shall be fitted with exhaust silencers. •At the construction sites, noisy construction work such as crushing, operation of diesel generator sets, use of high noise generation equipment shall be stopped during the night time between 10:00 p.m. to 6:00 a.m. •Noise limits for construction equipment used in this project will not exceed 75 dB (A) at 1 m distance. However, noise levels as specified in ambient noise standards (55 dB(A) during day time and 45 dB(A) during night time) will be adhered to during the construction phase. • Noise level monitoring will be carried out as per monitoring plan. •The construction sites will be properly barricaded through Mild Steel sheets of adequate height to avoid noise impacts.
15	Material handling at	•Workers employed on mixing cement, lime mortars, concrete, etc., will

	site	be provided with protective footwear and protective goggles. •Workers engaged in welding works will be provided with welder's protective eye-shields. • The use of any toxic chemical will be strictly in accordance with the manufacturer's instructions.
16	Disposal of construction waste, debris, cut material	•The contractor shall confirm that safe disposal of the construction waste will be ensured in the pre-identified disposal locations. •In no case will any construction waste will be disposed of around the project site indiscriminately.
17	Clearing of construction of camp and restoration	•Contractor to prepare site restoration plans for approval by the engineer. The plan is to be implemented by the contractor prior to demobilization. •On completion of the works, all temporary structures will be cleared away, all rubbish burned, excreta or other disposal pits or trenches filled in and effectively sealed off, and the site left clean and tidy, at the contractor's expense.
18	Impacts on flora and fauna	•Conduct site induction and environmental awareness. •Limit activities within the work area. •Plant trees and shrubs in the area/space marked for plantation in the layout. A minimum of 100 trees will be planted to compensate for 10 trees to be cut. This compensatory plantation will be taken up in the space identified in the layout.
19	Increased storm water runoff from alterations. natural drainage patterns due to landscaping, excavation works, and addition of paved surfaces	•Design of proposed infrastructure facilities enables efficient drainage and does not disturb natural drainage patterns. The storm water generated will be diverted to local drains through an already existing drainage system.
20	Integration of energy efficiency and energy conservation programs in design of subproject components	•The detailed designs for the subproject have ensured that environmental sustainability principles, including energy efficiency, resource recycling, waste minimization, etc. The design considers the following energy efficiency measures: • Usage of recyclable materials like wood substitutes. • Installation of Bureau of Energy Efficiency-certified equipment • Usage of energy efficient lighting fixtures (LED) •Rain water harvesting structures planned for collection of roof top rain water for ground water recharge, horticulture and / or flushing usage.
21	Social and Cultural Resources	•Consult Archaeological Survey of India or Madhya Pradesh State Archaeology Department to obtain an expert assessment of the archaeological potential. •Consider alternatives if the site is found to be of medium or high risk. •Include state and local archaeological, cultural and historical authorities, and interest groups in consultation forums as project stakeholders so that their expertise can be made available. • Develop a protocol for use by the construction contractor in conducting any excavation work, to ensure that any chance finds are recognized and measures are taken to ensure they are protected and conserved.
22	Access for construction material transportation	•Plan transportation routes so that heavy vehicles do not use narrow local roads. •Schedule transport and hauling activities during nonpeak hours and non teaching hours (early morning and late evening). •Locate entry and exit points in areas where there is low potential for traffic congestion.

		•Keep the construction locations within the campus free from all unnecessary obstructions. •Drive vehicles in a considerate manner.
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15. Refer circular no. 01 dated 14/02/2020
निर्माण कार्यो में विलम्ब हेतु मैदानी अधिकारियों के
दायित्व का निर्धारण तथा समय पूर्व कार्य करने पर अधिकारियों एवं ठेकेदारो को प्रोत्साहन देने की नीति ।
16. ~~Circular No. 77 dated 03.03.2021~~
~~Regarding performance gauruntee Shall be applicable only in case where the agreement for work is exucated on or before 31-12-2021~~
17. Circular No. 05 dated 03.09.2020 Applicable
Regarding testing of Materail.
18. The Developer shall at his own cost provide and maintain one new vehicle (Indigo, Swift or equivalent Air Conditioned vehicle) with Travel Limit of 3000 Km/Month/Vehicle including all running and Maintenance expenses for MPHIDB/Nodal Officer/Consultant during full Construction Period.

Additional Condition in Special Condition of Contract



मध्यप्रदेश गृह निर्माण एवं अधोसंरचना विकास मण्डल

चतुर्थ तल, खण्ड-3, पर्यावास भवन, मदर टेरेसा मार्ग, अरेरा हिल्स, भोपाल(म.प्र.)
पिनकोड- 462011, (फ़ोन) 0755-2558163, फ़ैक्स 0755-2558065 ईमेल:-mphousing@email.com

परिपत्र क्र. 3..... दिनांक 17/11/25

प्रायः देखा गया है कि मण्डल की समस्त निर्माणाधीन योजनाओं में कार्य की रियल टाईम निगरानी करना व्यवहारिक रूप से संभव नहीं हो पाता है। जिस हेतु तकनीकी समिति द्वारा निर्णय लिया गया है कि मण्डल की आगामी समस्त योजनाएँ जिनकी निविदा राशि रु. 500.00 लाख या इससे अधिक की हो को साईट स्थल पर कम से कम 04 पी.टी.जेड कैमरा लगाने का प्रावधान किया जाए।

संबंधित कार्यपालन यंत्री/सहायक यंत्री/उपयंत्री यह सुनिश्चित करें कि निविदा की स्वीकृति हेतु मुख्यालय प्रेषित की जाने वाली समस्त एन.आई.टी. की विशेष शर्तों (SCC)में उक्त 04 पी.टी.जेड कैमरा लगाने का प्रावधान आवश्यक रूप से सम्मिलित किया जावे। जो कि निम्नानुसार है:-

Additional Condition in Special Condition of Contract

Providing and Fixing Of IP Based PTZ CCTV Camera System at Site :-

The Successful Bidder shall provide and install a comprehensive IP-based PTZ CCTV camera system with a resolution of 1920 x 1080 pixels and above for all construction sites (minimum 04 nos. at each construction site). The CCTV surveillance system should be well integrated for remote monitoring through API on multiple Mobile / computer devices. The system should have minimum features like high quality image sensors, high security measures, day & night vision features, network storage, data transfer and downloads, storage of data upto 50 TB of cloud storage, API, Auto On / Off etc.

Unless otherwise specified, all equipment covered by this specification shall be designed, manufactured, tested, and installed as per the latest Indian Standard Specifications, IEC standards, or international standards. In case of any defects or malfunctions with the IP-based PTZ CCTV camera system during the Construction period, the Successful Bidder shall promptly provide repair or replacement services at no additional cost. The Successful Bidder shall ensure a response time for replacing any defective PTZ cameras or related components during the construction period. The maximum allowable time frame for replacement shall be 48 hours from the time of reporting the defect.

The Successful Bidder shall ensure that the IP-based PTZ CCTV camera system is operational, integrated and thoroughly tested before the start of the construction

work. The Successful Bidder shall ensure all the installed cameras can be viewed by Relevant MPHIDB officials at designated locations, including but not limited to the MPHIDB Head Office, Executive Engineer's Office, and Deputy Housing Commissioner's Office.

The bidder shall periodically take photographs / videos of site prior to commencement of work, during construction and after completion of work as suggested and provide photographs / videos in soft copies to MPHIDB/Nodal Officer and Consultant at developer's own cost. The developer shall, apart from the above, take photographs or digital videos of critical elements at his own cost as instructed by MPHIDB/Nodal Officer and submit the same to MPHIDB/Nodal Officer.

(आयुक्त द्वारा अनुमोदित)


(एस.कै.सुमन)

अपर आयुक्त-3

म.प्र.गृह निर्माण एवं अधोसंरचना
विकास मण्डल, मुख्यालय भोपाल

पृ.क्रमांक 73 MPHIDB 04(1)/तक.शा./मं./2025 भोपाल, दिनांक 12/01/2025
प्रतिलिपि :-

1. निज सचिव अध्यक्ष/निज सचिव आयुक्त म.प्र. म.प्र.गृह निर्माण एवं अधोसंरचना विकास मण्डल, मुख्यालय भोपाल की ओर सूचनार्थ।
2. मुख्य प्रशासनिक अधिकारी, म.प्र.गृ.नि. एवं अधो. विकास मण्डल, मुख्यालय-भोपाल की ओर सूचनार्थ प्रेषित।
3. अपर आयुक्त-1/2/3/4, म.प्र.गृ.नि. एवं अधो. विकास मण्डल, मुख्यालय-भोपाल की ओर सूचनार्थ प्रेषित।
4. वित्तीय सलाहकार एवं मुख्य लेखा अधिकारी/मुख्य अकॅक्षन अधिकारी/मुख्य सर्तकता अधिकारी सह मुख्य विधिक सलाहकार/मुख्य संपदा अधिकारी/मुख्य सूचना प्रौद्योगिकी अधिकारी/मुख्य वास्तुविद/भू-प्रबंधन अधिकारी/जनसंपर्क अधिकारी/विधि अधिकारी म.प्र.गृ.नि. एवं अधो. विकास मण्डल, भोपाल की ओर सूचनार्थ प्रेषित।
5. मुख्य आई.टी. अधिकारी, म.प्र.गृ.नि. एवं अधो. विकास मण्डल, मुख्यालय-भोपाल की ओर प्रेषित कर लेख है कि मण्डल सॉफ्टवेयर में परिपत्र अपलोड करने का कष्ट करें।
6. उपायुक्त, म.प्र. गृह निर्माण एवं अधोसंरचना विकास मण्डल, वृत्त-1, 2/विद्युत, भोपाल/इंदौर/जबलपुर/रीवा/ग्वालियर/उज्जैन की ओर सूचनार्थ प्रेषित।
7. कार्यपालन यंत्री, म.प्र.गृह नि. एवं अधो.सं.वि.मं.1/2/3/4/5/6/भोपाल, नर्मदापुरम् /रीवा /सतना/सिंगरौली/शहडोल/संभाग-1,2, इंदौर/खण्डवा /धार/संभाग -1,2, जबलपुर/कटनी/बालाघाट/छिन्दवाड़ा/संभाग-1,2, ग्वालियर/गुना /मुरैना/ सागर /दमोह/छतरपुर/उज्जैन/रतलाम की ओर आवश्यक कार्यवाही हेतु प्रेषित।


16.1.25

अपर आयुक्त-3

म.प्र.गृह निर्माण एवं अधोसंरचना
विकास मण्डल, मुख्यालय भोपाल

Executive Engineer
MPHIDB Division 01 Gwalior

SECTION 4

BILL OF QUANTITIES (BOQ)

General Description of work:- Construction of Degree College with Development works at Basai Distt. Datia

Probable amount of contract: Rs 1025.73 Lakhs

(Rupees: Ten Crore Twenty Five Lakhs Seventy Three Thousand Only.)

S.No.	Particular of Item of work	Quantity	Unit	Rate	Amount (in figure)	Amount (in words)	Remarks
			Enclosed				
Total Amount (Rs. In Figure)					1025.73		

Total amount in words: Ten Crore Twenty Five Lakhs Seventy Three Thousand Only.

**Executive Engineer
MPHIDB Division 01 Gwalior**

SECTION 5
AGREEMENT FORM
AGREEMENT

This agreement, made on the _____ day of _____ between _____ (name and address of Employer) (hereinafter called "the Employer) and _____ (name and address of contractor) hereinafter called "the Contractor" of the other part.

Whereas the Employer is desirous that the Contractor execute _____ (name and identification number of Contract) (hereinafter called "the Works") and the Employer has accepted the Bid by the Contractor for the execution and completion of such Works and the remedying of any defects therein, at a cost of Rs _____.
NOW THIS AGREEMENT WITNESSED as follows:

1. In this Agreement, words and expression shall have the same meanings as are respectively assigned to them in the conditions of contract hereinafter referred to and they shall be deemed to form and be read and construed as part of this Agreement.
2. In consideration of the payments to be made by the Employer to the Contractor as hereinafter mentioned, the Contractor hereby covenants with the Employer to execute and complete the Works and remedy any defects therein in conformity in all aspects with the provisions of the contract.
3. The Employer hereby covenants to pay the Contractor in consideration of the execution and completion of the Works and the remedying the defects wherein Contract Price or such other sum as may become payable under the provisions of the Contract at the times and in the manner prescribed by the Contract.
4. The following documents shall be deemed to form and be ready and construed as part of this Agreement viz.
 - i. Letter of Acceptance
 - ii. Contractor's Bid
 - iii. Condition of Contract: General and Special
 - iv. Contract Data
 - v. Bid Data
 - vi. Drawings
 - vii. Bill of Quantities and
 - viii. Any other documents listed in the Contract Data as forming part of the Contract.

In witnessed whereof the parties there to have caused this Agreement to be executed the day and year first before written.

The Common Seal of _____ was hereunto affixed in the presence of:
Signed, Sealed and Delivered by the said _____ in
the presence of:

Binding Signature of Employer _____

Binding Signature of Contractor _____

LIST OF APPROVED MATERIALS (CIVIL)

S.N	Material	Brand/Make
1	Cement	Wonder ,J.K.Cement , Ultratect, Ambuja
2	TMT Bars	TATA ,Sail ,Tisco ,Kamdhanu , AmbaShakti ,KAY-2 Steel ,Goel, Bansal .BS TMX SMC 500D and MAJBOOT 500TMS , GK TMT,Sourya TMT
3	Vetrified Tiles	Janhons ,Marbonite ,Kajaria ,Orient ,Oasis , AGL, Nitco,Varmora
4	Ceramic Tiles	Janhons ,Marbonite ,Kajaria ,Orient ,Oasis , AGL, Nitco,Varmora
5	Flush Door	Shubham , A1 Teak , MP Wood Product ,Century ,Gujcon. ,KudratiNexus ,VenusPlywood ,DREDOOR
6	Door Fitting	Global Brand ,Dorma ,Parvesh , Arch
7	UPVC Door	Marconi, Truflo, vectus, Rajshri , Green window solution.
8	Alluminium	Jindal ,Hindalco ,Indalco .
9	Door closer /Floor Spring	Dorma ,Hardwyn , Godrej.
10	Float Glass	Modi , Saint Gobain ,AIS
11	SS Railyng	Godrej ,Jindal , Arch.
12	Putty	J.K.Birla , Build well .
13	Paint	Asian ,Nerolac, Burger ,Kamdhanu
14	Sanitary Ware	Hindware ,Paryware ,Somany, Johnson, Cera jeet .
15	G.I.Pipe and Fitting	Tata ,Jindal , Surya KS Brand ,Applo.
16	C P Brass Fitting	Prayag , Mahaveer Metal , Kingston, Jaquar .
17	Steel Kitchn Sink	Nirali ,Jaquar ,Prayag , AMC Brand , Senator and Cera. NAVKAR
18	Water Tank	Sintsx ,Vectus ,Upkar ,Supremo , RC Plasto ,Utkarsh .Pulkit Brand
19	CPVC Pipe and Fitting	Prince ,Supreme , Vectus, Kelvin ,SFMC.
20	PVC Pipe and Fitting	Kishan ,Kasta ,Supreme ,SMFC ,Vectus,APL Apolo.
21	C I Pipe and Fitting	Neco , SKF
22	AAC Block	WondercreteBrand , E-Crete Brand
23	PPR Pipes	KPT

Note: Contractor has to produce directly test report from Manufacturer with lot number.

Assistant Engineer
MP Housing & Inf. Development
Board Sub Dn. Datia

Executive Engineer
MP Housing & Inf. Development
Board Dn.01 Gwalior

List of approved make Electrical Materials / Accessories

S. No.	Item	Make
1	PVC insulated copper conductor , PVC insulated & Sheathed flexible multi stranded copper conductor FRLS ISI marked wire	Havell's ,Finolex, Polycab,, RR Kabel, V Marc
2	PVC insulated Telephone Cat 6 /6E, TV cable ISI marked FRLS,	Havell's ,Finolex,polycab, RR Kabel, Legrand, Lapp, D Link
3	PVC conduit pipe ISI marked & Accessories	BEC , Modi, Precision, Polycab, AKG
4	PVC casing-N-capping ISI marked & accessories	Presto plast , Press fit, Modi, BEC, Precision
5	Steel conduit pipe ISI marked & accessories	BEC , AKG, Modi, NIC
6	Non- Modular type flush type switch, socket, ceiling rose, lamp holder, call bell	Anchor(Penta PC),Vinay(Clear),polo (Rider) Cona(I-nano)
7	Modular type switch, socket, ceiling rose, lamp holder, call bell,Blankingplate,Metal switch boxes,TV/TP socket, Fan Regulator	Legrand (Arteor)/ MK (Blenze) /Anchor(Vision) / Havells (Picadli), Schneider(Zancelo)
8	Phenolic laminated sheet	Hylum, Anchor
9	MCB, Isolator, RCCB, RCBO, MCBDB	Legrand,,Hager ,Schneider,L&T
10	XLPE insulated cable(Armoured / Un armoured), Air Bunch Cable(ABC)	Finolex, Polycab, Havell's , RAVIN Cables, KEI, RRkable ,CableCorporation of India, V Marc
11	GLS, CFL, SV,MH, LED Lamp& Luminaries	Philips, Bajaj, Crompton, Wipro
12	GI pipe ISI Mark	TATA, Swastik TT, Jindal, Suryaprakash,Zenit
13	ACSR , AAAC conductor	Grandlay , Bhopal Wires, Gupta Power, Daimond Power,asper MPSEB Approved
14	Electronic ballast& Luminaries	Philips, Bajaj, Crompton, Wipro,
15	Electric Ceiling fans 5 Star Rating	Crompton , Bajaj, Usha, Orient, Havell's
16	Wall mounting fan, Cabin fan, Exhaust fan,	Almonard, Crompton , Bajaj, Usha, Orient,
17	Steel tubular pole	As per IS 2713-1980,KTC Kanpur, Surya pipe, /Bombey pole Mumbai,
18	Octagonal pole	Bajaj, Philips, Valmont,WIPRO
19	High mast	Bajaj, Philips, Valmont
20	Ornmental pole	Bajaj, Homedec
21	Cable gland/ Cable lugs	Comet ,Calter(National), Cosmos, Jainson, ascon, sigma
22	Power capacitor	GE/EPCOS/L&T/ABB/SIMENS/Asian/Neptune
23	SFU, ACB, Change Over Switch (On-load), MCCB	Legrand, Hager,schenider.
24	SFU(Rewirable), Change Over Switch(Off- load), ATS, Busbar,	HPL, Havell's, SHI, C&S, Crompton
25	Luminaries Capacitor,	Asian, Uni-Star, Bajaj, Epcos
26	Fire extinguisher	Cease fire ,Minimax, Safex, Getech, safe Gaurd
27	Ammeter, Voltmeter, Voltmeter selector switch/CT's, push button	AE, Neptune, L&T, ELEMESURE,BCH
28	Cable tray	NeedcoSystem,Indiana, BSPL.
29	Cable jointing kit	Raychem, Mahindra, Birla, M-seal, Denson, 3M,

30	Corrigated pipe	Rex, Duraline,
31	Submersible / openwell / centrifugal motor pump set	Kirlosker, Crompton, Texmo, KSB
32	Starter	Kirlosker, Crompton, Texmo, L&T, Siemens, C&S, BCH
33	Submersible Cable	Polycab, Finolex, Havell's, Ravin Cables, L&T
34	Nylon Rope	Usha Martin /Garewal/Tuff
35	HDPE Pipe, UPVC, CPVC, DWC, pipe & accessories	Kasta, Hasti, KML, Classic(Kisan), VIP Pipes, Supreme, Finolex
36	ESE Lightning Conductor	ABB, Siemens, Indolec, Schenider/Bajaj.
37	BUS Trunking Sandwich	Legrand, Siemens, L&T, C&S

List Of Approved Make Of Materials

S. N o.	Materials		Make
1	Modular accessories such as switch, socket, regulator, box, cover plate, base frame, etc. (ISI Mark)	1	Legrand (Artior) / Anchor (Vision) / Schneider (Unica pure) / Honeywell (Blanze Pro) / ABB (LIORA) C&S (elusion) Havells (venora)
2	PVC non metallic conduit pipe(HMS) with accessories (ISI Mark)	2	Polycab/Precision/Modi/ KT Ind
3	PVC insulated Flexible copper cable	3	Havells/Finolex/KEI/Polycab/RR Kabel/ Plaza Cables /Grandlay Cables/
4	MCCB	4	Legrand(DPX 3)/L&T(dsign)/ Schneider (compact NSX) Indoasian (Optium)/ABB Fourmula,
5	MCB / RCBO	5	Legrand/Hagar/ Schneider/ABB
6	MCB DB, Metal clad socket	6	Legrand/Hagar/ Schneider/Indoasian /ABB
7	Ceiling / Exhaust/Wall fan	7	Bajaj/Khaitan/Orient /Crompton
8	Bulk head fitting	8	Philips/ /Bajaj/Wipro
9	Telephone Cable	9	Havells/Finolex/Delton/KEI /Polycab
10	Telephone tag block	10	Krone
11	Telephone socket	11	Legrand (Artior) / Anchor (Vision) / Schneider (Unica pure) Honeywell (Blanze Pro) /
12	Computer socket	12	Systimax/Panduit/Legrand / Honeywell (Blanze Pro) / Anchor (Vision) / Schneider (Unica pure)
13	Cat-6 LAN cable	13	Systimax/Panduit/Legrand/Finolex /Havells
14	Computer patch card, patch panel & rack	14	Systimax/Panduit/Legrand/ Honeywell (Blanze Pro) / Anchor (Vision) / Schneider (Unica pure)
15	Aluminium/ Copper armored cable 1100 volt grade	15	Havells/Finolex/ KEI / Polycab/RR Kabel / Plaza Cable/ Grandlay Cables
16	Fire alarm & repeater panel	16	Siemens (cerberus PRO FC 722 series) / Honeywell (Notifier – NET) /
17	Multi detector, manual break glass, sounder and control relay module	17	Siemens /Honeywell /KIDDE)
18	Dome / Bullet camera/ Network video recorder	18	Honeywell /American dynamics / Pelco
19	DG Sets	19	Cumines /Kirloskar / greaves Cotton
20	Hard disk	20	Toshiba/Seagate
21	Flat Screen Monitor/ Smart TV	21	Panasonic /Sony / LG
22	CCTV Switches	22	Cisco/HP/Juniper
23	EPABX System	23	Avaya/Alcatel/Matrix/NEC/Panasonic
24	Telephone instrument	24	Binatone/Panasonic
25	IP-Phones, Digital Key Phone	25	Avaya/Alcatel/Matrix
26	LIU fully loaded Fiber Light Interface Units	26	Systimax / Panduit / Legrand
27	Media Converter	27	Bestnet / TP Link
28	SC Fiber Pigtail, Fiber Adaptor, Splicing, Patch Cord&FiberArmored Cable	28	Systimax / Panduit / Legrand
29	LAN Switch	29	Cisco / HP / Juniper
30	FIRE ALARM WIRE	30	Havells / Finolex / KEI/ Polycab/RR Kabel
31	Light fixture	31	Wipro / Philips / Bajaj/Crompton
32	IP DOOR VIDEO PHONE, DISPLAY AND SOFTWARE	32	BAS / 2N / TCS
33	MS C CLASS PIPE	33	Jindal (Hissar) / Tata / Zenith
34	Sluice / butterfly / NRV / Globe / Gate valve	34	Kirloskar / Audco / Zolota / Kartar

List Of Approved Make Of Materials

35	Sprinkler	35	Tyco / HD / Viking
36	Pump and motor	36	Kirloskar / mather& plate (Wilo) / Grundfos
37	Fire diesel engine	37	Kirloskar / mather& plate / Greaves
38	RRL hose pipe, hydrant valve , nozzle, branch pipe,H	38	Newage / minimax / Venus / Fire shield
39	Flow, pressure switch	39	Danfoss / Indfos / System sensor
40	First aid hose reel, drum, Fire brigade connection	40	Newage / minimax / Venus / Fire shield
41	Audio, Public Address system	41	JBL/Honeywell(PAVA) / Bose
42	Copper AC Pipe as per BIS	42	RR Shramik/ Mandev/ MexFlow /Rajkco
43	G.I.Cable Trey	43	Indana. KT Industries , V Y Enterprises
44	Fire extinguisher	44	Newage / minimax / Venus / Fire shield / Ceasefire
45	Pressure gauge	45	H – guru / Waree / Fiebig
46	Lift/ Stretcher lift	46	Otis / Mitsubishi / Johnson / TK elevator / Schindler
47	HD Alarm valve	47	Newage / minimax / Venus / Fire shield
48	Panel manufacturer	48	Ajanta electrical Bhopal / V Y Enterprises Bhopal / SPC Electrotechpvt. Ltd. Delhi/Solution system
49	Split / VRV AC	49	O General / Mitsubishi / Daikin
50	UPS	50	Emerson / APC / Numeric (Legrand)
51	Pop up type flush mounting boxes	51	Legrand / schneider
52	Audio Public Address system	52	JBL/BOSCH/Honeywell(PAVA)
53	Ceiling ring speakers with line matching transformer	53	BOSCH model no.BLBD 0606/10. OR equivalent of JBL/PHILIPS/Honeywell
54	Over Head Projector	54	Sony model no. VPL-SW-631 OR equivalent of Panasonic/EPSON/LG
55	HDMI , VGA , audio cable	55	MX / Dye ton/SONY
56	Wall mounted Speakers	56	Bosch / JBL
56	DTH connection	57	TATA SKY / Airtel / Dish TV / Videocon
57	Videowall Controller	58	Datapath / NUV / Intellitech
58	Document Camera	59	Lumens / Elmo / Wolfvision
59	Class D configurable amplifier	60	Bose / Lab gruppen / Ashly audio
60	Digital Mixer	61	Bose / JBL / Alleh& heath / Mackie
61	Video Conference System	62	Bose / JBL / Alleh& heath / Mackie/Polycom / Cisco / Lifesize

NOTE :-The make and model of above mentioned materials are prevailing in presentmarket.If model of some materials are discontinued,then equivalent model shall be used by prior permission of Dy. Housing commissioner (Electrical) Before use at site


Executive Engineer,
M.P. Housing & Infrastructure
Development Board
Division Electrical, Gwalior



मध्यप्रदेश गृह निर्माण एवं अधोसंरचना विकास मण्डल

चतुर्थ तल, खण्ड-3, पर्यावास भवन, मंदर टेरेसा मार्ग, अरेरा हिल्स, भोपाल(म.प्र.)

पिनकोड- 462011, (का.) 0755-2558163, फ़ैक्स 0755-2556065 ईमेल:-mphousing@gmail.com

क्रमांक-1783MPHIDB 04(1)/तक.शा./मं./2025 भोपाल,

दिनांक-29/12/2025

प्रति,

ई-मेल

- उपायुक्त,
म.प्र.गृह निर्माण एवं अधोसंरचना विकास मंडल
वृत्त-1,2, भोपाल/वृत्त विद्युत भोपाल/इंदौर/जबलपुर/उज्जैन/सागर/
ग्वालियर/रीवा।
- कार्यपालन यंत्री,
म.प्र.गृह निर्माण एवं अधोसंरचना विकास मंडल,
संभाग- 1, 2, 3, 4, 5, 6, भोपाल/1, 2, जबलपुर/बालाघाट/
कटनी/छिंदवाडा/सागर/दमोह/छतरपुर/परि.सं.इंदौर-1, 2/धार/
खण्डवा/गुना/रतलाम/उज्जैन/नर्मदापुरम्/1-2,ग्वालियर/मुरैना/रीवा/
सतना/सिंगरौली/शहडोल/विद्युत संभाग भोपाल, ग्वालियर, जबलपुर, इन्दौर।

विषय:- स्वीकृत उत्पादों की सूची बाबत।

संदर्भ:- इस कार्यालय का पत्र क्रमांक 1153-1154 दिनांक 29.12.2023 एवं पत्र क्रमांक 717-718 दिनांक 31.07.2024, पत्र क्रमांक 184-185 दिनांक 19.12.2024, पत्र क्रमांक 1599-1600 दिनांक 31.12.2024, पत्र क्रमांक 895-895 दिनांक 18.07.2025 पत्र क्रमांक 1296 दिनांक 15.09.2025, पत्र क्रमांक 1549-50 दिनांक 29.10.2025

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उपरोक्त विषयांतर्गत संदर्भित पत्रों के अनुक्रम में निर्देशित किया जाता है कि स्वीकृत उत्पादकों की सूची को सभी निविदा प्रपत्र के साथ संलग्न कर ही प्रेषित करें। वर्तमान में निर्माणाधीन कार्य एवं भविष्य में प्रारंभ होने वाले सभी कार्यों में स्वीकृत उत्पादकों को ही निर्माण कार्य में उपयोग किये जाने हेतु समस्त एन.आई.टी में निविदा आमंत्रण के पूर्व संलग्न उत्पादों की सूची को लगाना सुनिश्चित करें।

संलग्न-उपरोक्तानुसार।

(शैलेन्द्र वर्मा)

अपर आयुक्त-1

म.प्र.गृह निर्माण एवं अधोसंरचना विकास मण्डल मुख्यालय भोपाल

भोपाल, दिनांक-29/12/2025

पृ.क्रमांक-1784MPHIDB 04(1)/तक.शा./मं./2025

- अपर आयुक्त, 2/3/4 म.प्र.गृह निर्माण एवं अधोसंरचना विकास मण्डल, मुख्यालय भोपाल।
- मुख्य आई.टी. अधिकारी, म.प्र.गृह निर्माण एवं अधोसंरचना विकास मण्डल, मुख्यालय भोपाल की ओर लेख कर निर्देशित किया जाता है कि मण्डल वेब-साईड पर संलग्न स्वीकृत उत्पादों की सूची अपलोड करने का कष्ट करे।

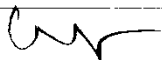
अपर आयुक्त-1

म.प्र.गृह निर्माण एवं अधोसंरचना विकास मण्डल मुख्यालय भोपाल

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YEAR- JULY 2024

S.n o.	Name of product	Party name	Circular No.	Date of issue	Expiry date	Remarks
1	Sonet Brand Sanitary ware and CP Fittings.	Solo Ceramics 8-A, N.H., Opp, Sonica Ceramics, Lalpar, Morbi-363 642 (Guj.) India.	No.05	03-07-2024	02-07-2026	For 2 years
2	Bath fittings, Stainless Steel kitchen, CPVC Pipe & fittings, Stainless Steel Hardware Product, Sanitary ware, UPVC Pipe for Portable Supply, SWR Pipe for Soil & Waste, flushing Cistern for Water Closet & Urinals, Plastic Seat Cover, Plastic/PTMT bib tap, Pillar tap, Angle Cock& Stop Valves Polyethylinene water Storage tanks & HDPE pipe & Fittings.	Prayag Polymers (P) Ltd., 2483-84 Prayag Infinity House, Nalwa Street, Pahar Ganj, NEW DELHI-110055.	No.06	03-07-2024	02-07-2026	For 2 years
3	Gajkesari Brand MS Billets, MS TMT Bars & Round Bars.	Gajkesari Steels & Alloys Pvt Ltd, Plot No.F-18/19, Phase 2, Addl.MIDC, Jalna-431203.	No.07	03-07-2024	02-07-2026	For 2 years
4	Brand ACP (Aluminium Composite Panel), AHP(Aluminium Honeycomb Panel), ZCP (Zinc Composite Panel), Tile Adhesive& Grouts, Water Proofing Compound & Alstone Brand WPC Door Frames, WPC Doors, WPC Boards, Wall Cladding, Silicone Adhesives and Laminates.	Reynobond India, 2E/7, Jhandewala Extension, New Delhi-110055.	No.08	03-07-2024	02-07-2026	For 2 years
5	AGILON Brand Single core FR/FRLSH / LSZH Wire, Multicore Flexible Cables, LT Copper Armoured Cables, Fire Survival Cables, Multicore Shielded Flexible Cables, Instrumentation Cables, Fire Alarm Cables, Speaker Cables, Microphone Audio Cables, Coaxial Cables, LAN Cables CAT6, Optical fiber Cables (OFC) cables.	Agilon Cables India Pvt.Ltd, G2- Sector 6 Noida, Gautam Buddha Nagar, Uttar Pradesh-201301.	No.09	03-07-2024	02-07-2026	For 2 years
6	"Drolia Brand" TMT Bars and wire Rod.	Drolia Electrosteels (P) Ltd. Village Siltara (Dharsinwa), Raipur-493111 (Chhattisgarh).	No.10	03-07-2024	02-07-2026	For 2 years
7	BIS Certificates "Ravin Brand" LT XLPE, HT XLPE, and aerial Bunch.	Ravin Cables Ltd., B-302, Akruti Trade Center, Road No.7, MIDC, Andheri(E) Mumbai-400093.	No.11	03-07-2024	02-07-2026	For 2 years
8	"biut Brand" Bathroom fitting, CP fitting, Sanitary and assesries.	Bharat Bath Industries, 196, F.I.E. Patparganj Industrial Area, Delhi- 110092.	No.12	03-07-2024	02-07-2026	For 2 years
9	L.T.Panel Board & Control Panels (11/33 KV VCB Control & Relay Panel, AMF Panel, Automatic Powar Factor Correction Panel, Power Distribution Board, Feeder Pillars, Motor Control Centre & Power Control Centre etc.).	Juhi Electricals Pvt. Ltd., Plot No.6/4, New-H Sector, Industrial Area. Govindpura, Bhopal (MP).	No.13	03-07-2024	02-07-2026	For 2 years
10	"VPL India Brand" GI Pipes, MS Pipes & Hollow Sections, HDPE/PVC Pipes & Fire Fighting.	Vishal Pipes Ltd, C-101, RDC, Raj Nagar, Ghaziabad-201002, (UP).	No.14	03-07-2024	02-07-2026	For 2 years
11	Laboratory for Building & Road materials Testing.	ABMTL Pvt Ltd., Plot No.64, future Nagar, Maharajpur, Jabalpur (MP).	No.15	03-07-2024	02-07-2026	For 2 years
12	FLAME GUARD" Brand FIRST AID HOSE REEL DRUM, FIRE HOSE COUPLING, BRANCH PIPE NOZZLE, LANDING/HYDRANT VALVES, FBC INLET 2WAY,4 WAY, NON-PERCOLATING RRL FIRE HOSE, CP FIRE HOSE, FIRE EXTINGUISHRES, TROLLEY MOUNTED FOAM TYPE & THERMOPLASTIC HOSE REEL PIPE.	Fire Guard Industries, 7- Raghushree Market, Ajmeri Gate, Delhi-110006 (India).	No.16	03-07-2024	02-07-2026	For 2 years



13	"Jivanjor" and "Vamicol": High-quality wood working adhesives for durable and reliable bonding. 2) "Charmwood" and "Ultra Italia PU".	Jubilant Agri and Consumer Products Limited, Plot No.142, Chimes, 3rd Floor, Sector 44, Gurugram, Haryana-122003. India.	No.17	03-07-2024	02-07-2026	For 2 years
14	wooden frames, flush doors, panel doors, wire-mesh doors, Plywood, WPC frames & Doors, windows & wooden flooring.	A-1 Teal Products Pvt.Ltd., 124/1, Labriya Bheru, Dhar Road, Indore-452002.	No.18	03-07-2024	02-07-2026	For 2 years
15	PRAKASH SURYA Brand" ERW Black Pipes, G.I., MS Pipes, Hollow Section Pipes & CPVC, UPVC, SWR and AGRI Pipes & Fittings, MS GI Conduit & PVC Conduit & Door frames, Electrical Storage Water Heater, Instant Water Heater, Ceiling fan, wall fan, Padestral fan, Exhaust fan & Vantilation fan.	M/s SURYA ROSHNI LIMITED, Padma Tower-1, Rajendra Plece, New Dehli-110008.	No.19	03-07-2024	02-07-2026	For 2 years
16	"Arya" make LED lights, LED street lights, Flood Lights, Highbay, Well Glass and regular indoor products LED lamps/Batten/Panels/Down lights.	Arya Newtech Pvt Ltd., Plot No.22B, Indl.Area No.1, Road No.13, Pithampur-454775(MP).	No.20	03-07-2024	02-07-2026	For 2 years
17	Fire Fighting Safety Products.	Padmini Industries Ltd., Village dunduhera, (Delhi Saharanpur Road), P.O.Khekra, Distt.Baghpatt-250101.	No.21	03-07-2024	02-07-2026	For 2 years
18	"King" Make Pvc Conduit Pipe, Pvc bend, Pvc Junction box deep & Surface, Gi Fan box, Gi Module Box, Pvc Coupler, Fan plate, Round plate & fittings.	King Tube India Pvt.Ltd., 67/2, 68/2, gram Tillore Khurd, Opp.S Shivaji Road Kadam College, Indore (M.P.).	No.22	03-07-2024	02-07-2026	For 2 years
19	Rajshri Brand Solid Panel PVC Door & Fram, PVC Internal Door (Moulded door, PVC Flus door, 10mm Panel 30mm thick) Solid PVC Flush door (single Extruded- 3 layer) /WPC Doors & WPC door frame, Extruded profile panel door & Frame, Wire Mesh door/Glazed door, PVC sheet cladded door, PVC wall paneling, PVC False ceiling, Solid PVC Partition, PVC Cup Bords, PVC Jali, PVC Kitchan Cabinet, UPVC Windows (Singal, 2-Track, 3Track), UPVC Casement Window, WPC/PVC window.	Rajshri Plastiwood, Plot No. 100, Sector-2, Pithampur, Dist. Dhar (MP).	No.23	03-07-2024	02-07-2026	For 2 years
20	PerfectMix/Maestro Brand Tile Adhesives, Bolck Jointing Mortar, Ready Mix Plaster, Floor Hardener, Road Repair, Joint Fillers(Epoxy & Cementitious) Construction chemical, Admixture & WaterProofing.	Vaishali Floorings Pvt.Ltd., Plot-11, Sector-F, Sanwer Road, Industrial Area Indore-452015(MP).	No.24	03-07-2024	02-07-2026	For 2 years
21	approval of Dlite Brand AAC Block & Jointing Motor. The firm has attached ISO Certificate & approval letter MP PWD(PIU) Bhopal, MSPHB, MPPH&IDCL, MMRL & CPWD(MP).	Dlite Blocks Pvt.Ltd., Paras Agro Complex, Near Santoshi Mata Mandir, Damle Chowk, Akola-444001 (India).	No.25	03-07-2024	02-07-2026	For 2 years
22	Wooden, Steel Computer and Modular Furniture.	Abbottsons Impex (P) Ltd. 212 M-1/Hare Govind Complex, Zone-1, MP Nagar Bhopal.	No.26	03-07-2024	02-07-2026	For 2 years
23	IS 1786:2008, APL Apollo SG Mart TMT 8 MM to 32 MM Grade Fe500, Fe 500D, Fe 550 & Fe 550D.	APL Apollo SG Mart, 36, Kaushambi, Near Anand Vihar Terminal, Delhi (NCR)-201010. India.	No.27	03-07-2024	02-07-2026	For 2 years
24	Coxwell Brand Polycarbonate sheet. The firm has attached ISO Certificate & approval letter MES & CPWD Departments.	Coxwell Domes Engineers Pvt.Ltd., 1005, JMD Regent Square, Mehrauli Guragaon Road, Gurugram-122 002, Haryana.	No.28	03-07-2024	02-07-2026	For 2 years

25	Laboratory for Building & Road materials Testing. The firms has NABL Certified.	Agrawal testing and Research Labs Pvt.Ltd, Indrapuri Colony, Tikamgarh(MP).	No.29	03-07-2024	02-07-2026	For 2 years
26	JET Brand Laminated Flush Doors, Flush Doors, Block Board/Plywood, Pre-Laminated MDF/particle Board, Decorative Teak veneer, Shuttering plywood.	ARJN WOODMART PVT.LTD., Khasra No. 71 Dhaturi Road Ramnagar, Ganaur Rural Sonipat-131039.	No.30	03-07-2024	02-07-2026	For 2 years
27	SAKARNI Brand Pop, Gypsum Plaster, wall Guard Putty, Gipskarton Gypsum Board, Gipskarton Metal profiles & Accessories, Gypsum Bond, Paints range, Construction chemicals, tile adhesive, & water proofing chemicals.	SAKARNI PLASTER (INDIA) PVT.LTD., UPPER GROUND FLOOR, WZ-446/337, SRINAGAR EXTENSION, SHAKURPUR,DELHI-110034.	No.31	03-07-2024	02-07-2026	For 2 years
28	Building, Road & Bridge Materials Testing. The firms has attached NABL / ISO Certificate.	S B B CONCRETE TECHNOLOGY.PVT.LTD., J-50 GANDHI NAGAR, NEAR HOTEL NANDGIRI PALACE, GWALIOR (M.P.).	No.32	03-07-2024	02-07-2026	For 2 years
29	Mechanical, Chemical, NDT & Water testing. BIS/ISO& NABL Certificate & MP PWD (PIU) Bhopal approval letter.	Krishna Digital Material Testing Laboratory LLP. 02, Bhawani Nagar I/F of RMJ Tata Showroom, J.K.Road, Bhopal (MP).	No.33	03-07-2024	02-07-2026	For 2 years
30	"Wonder wall Putty". ISI Certificate & MPPWD Bhopal approval letter.	Wonder Wallcare Pvt.Ltd., 411-413, 4th Floor, Gaurav Tower-II, Malviya Nagar Jaipur-302017, Rajasthan India.	No.34	03-07-2024	02-07-2026	For 2 years
31	" PRIMA Brand" C.P.Brass, PTMT Fancy C.P. Brass, Steel Sinks, Gate valve, Float value, Flushing Cistern, Seat Cover, Plate Rack, Looking Mirror & Other Accessories.	M/s Dhawan Sanitary Udyog, sector-I Bawana Industrial Area, Bawana Delhi-11003.	No.35	03-07-2024	02-07-2026	For 2 years
32	"E- CRETE Brand" AAC Block. The firm has attached BIS Certificate & approval letter MP Police Housing, MPPWD Bhopal & CPWD.	Aerocon Buildwell Pvt.Ltd., Survey No. 197/2/2/2, 291/1/1, 197/1/2, 197/2/1, 197/1/3 197/2/2/1, Vellage Jalakhedi, Badnagar Road Ujjain (M.P.).	No.36	03-07-2024	02-07-2026	For 2 years



YEAR-DEC-2024

S.no.	Name of product	Party name	Circular No.	Date of issue	Expiry date	Remarks
1	"Unicor Brand" LED Light products.	Unicor Innovations Pvt.Ltd., 935, Gram Sabha Pooth Kalan, Near Rithala, Metro Station, New Delhi-110086	No.49	26/12/2024	25/12/2026	For 2 years
2	Redd Brand Flush Door Reddxi Brand WPC doors & WPC Frames.	Kirat wood Products, 154/2, GNT Market LabriyaBheru, Dhar Road, Indore (MP).	No.50	26/12/2024	25/12/2026	For 2 years
3	"Kesar Gold Brand" FE-500/FE-500D Grade TMT.	Kesar Alloys & Metals Pvt.Ltd., Plot No.117-118, Sector-3, Industrial Area, Pathampur, Dist.Dhar-454 774 (MP).	No.51	26/12/2024	25/12/2026	For 2 years
4	Fly Ash Bricks, Pavers Blocks, Grass Pavers, Hollow Blocks & Bricks, Cover Blocks.	Kesar Ispat Ltd., Plot No.619-621, 609&609A, Sector-3, Industrial Area, Pathampur, Dist.Dhar-454 774(MP).	No.52	26/12/2024	25/12/2026	For 2 years
5	tree plantation, landscaping, horticulture & gardening.	2 DAM Totalique Projects Pvt.Ltd., 2/56, Raje Raghuji Nagar, Nagpur-440024.	No.53	26/12/2024	25/12/2026	For 2 years
6	ET Brand 8 mm to 40 mm of Grades Fe 500, Fe 500 D, CRS 500, CRS 500 D, Fee 550 & Fe 550 D, Epoxy and Cut & Bend.	Electrotherm (India) Ltd. Steel Divison, Survey No.325, Near Toll Naka, Village, Samakhiyali, Taluka-Bhachau-370 150, Dist.Kutch, Gujarat.	No.54	26/12/2024	25/12/2026	For 2 years
7	Global Brand ISI Products Aluminium, Mild Steel, Stainless steel, Door & Window fittings & Brass (Tower bolt, Aldrop, Handle, Hinge, Mortise Handle Lock set & Door Closer) .	Aluminium Udyog, HR-10, Street No.10, Anand Parbat, Industrial Area, New Delhi-110005.	No.55	26/12/2024	25/12/2026	For 2 years
8	Building & Road materials Testing.	Earth Material & Engineering Solution Laboratry, House No.4, vidhya Sagar Dham, Khejda Road, Naholi, Bhanpur, Bhopal (MP).	No.56	26/12/2024	25/12/2026	For 2 years
9	Building, Road Materials & Electrical Testing.	Awadhiya Consultancy & Testing Laboratory Pvt.Ltd. N.H.39, Satna Rewa Road, Rampur Baghelan, Satna, (MP).	No.57	26/12/2024	25/12/2026	For 2 years
10	Wonder Cement OPC-43 & 53 Grade (IS:269-2015) and PPC (IS:1489 Part1-2015).	Wonder Cement Ltd, RK Nagar, Nimbaera-312601, Dist-Chittorgarh, Rajasthan, India.	No.58	26/12/2024	25/12/2026	For 2 years
11	IS:1786 Amba Shakti SD TMT 8 MM to 32 MM Grade Fe 415, Fe 500, Fe 550 & Fe 500D and Fe 550D.	Amba Shakti Udyog Ltd., Plot No.44 & 47, A.B.Road, Industrial Area, Banmore, Distt.Morena (MP) 476444.	No.59	26/12/2024	25/12/2026	For 2 years
12	Kerovit Brand Sanitaryware, Faucets(CP fittings), Bathroom Accessories & Bathroom furnitures.	Kajaria Bathware Pvt.Ltd., J1/B1, Mohan Co-op Industrial Estate, (Opp.Badarpur Thermal Power Station), Mathura Rad, New Delhi-110044.	No.60	26/12/2024	25/12/2026	For 2 years
13	Vega Modular, Decora Premium Modular, Legend Modular, Eco Series, Eco PC Series, Door Bells, Spike Guards, flex boxes, MCBs and RCCBs, Distruibon Boards, LED Lightings and accessoreis.	Western Modular Switches Pvt.Ltd. 108, Kushal Mangal Industrial Estate, Sativali, Vasai(E),401208, Dist.Palghar	No.61	26/12/2024	25/12/2026	For 2 years

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14	Outdoor GYM Equipments and Garden Play Equipments. The firm has ISO Certified.	K R Infra Projects, 18, Shanti Vihar, Indore-452016.	No.62	26/12/2024	25/12/2026	For 2 years
15	AMC Brand Stainless Steel Kitchen Sinks, Stainless Steel Wash Basin, Urinals & Lavatory (Orissa) Pan.	Jai Sambhav Industries, Block-O-191-192 Sector-1, Bawana Industrial Area, Delhi-110039.	No.63	26/12/2024	25/12/2026	For 2 years
16	Dolphin Brand CPVC Pipes & Fittings, UPVC Pipes & Fittings, RPVC Pipes & Fittings, SWR Pipe & Fittings and Column Pipe.	Dolphin Polyplast Pvt.Ltd., Unit-2 Survey No-51, Plot o.1&2, Kirasra-Sarpdad Road Opp.Nilkanth Paper Mill,Ta.Padhari, Dist.Rajkot, Nani Amreli-360110(Gujarat).	No.64	26/12/2024	25/12/2026	For 2 years
17	Flowtek Brand Cpv and SWR Pipe & Fittings.	Pushp Global Company, Plot No.147, Phase-V, Sector-56 HSIIDC Industrial Estate, Kundli-Sonipat-131028(Haryana).	No.65	26/12/2024	25/12/2026	For 2 years
18	GOEL TMT 8mm to 40mm diameters in grades Fe-500, Fe-500D, Fe-550, Fe550D, Fe-600, CRS &"GOEL PIPES".	Shri Bajrang Power & Ispt Ltd., Kh.No.2/3, Vill.Gondwara, Urla Industrial Complex, Raipur 493221(C.G).	No.66	26/12/2024	25/12/2026	For 2 years
19	Brand Mudra TMT fe-550D-CRS (8mm to 32mm).	Mudra Steel Industries P.Ltd. Plot No.418/419, 406-408, Pithampur Sector-3, Near Indorama Temple Dhar, 454774-M.P.	No.67	26/12/2024	25/12/2026	For 2 years
20	MOIRA Brand" ERW black pipes, MS pipes, Hollow section pipes & door frames.	Jaideep Steel works India Pvt.Ltd., 103, Laxmi Tower, 576, M.G.Road, Indore (MP).	No.68	26/12/2024	25/12/2026	For 2 years
21	"MOIRA Brand" TMT Bars (IS: 1786:2008).	JAIDEEP ISPAT & ALLOYS PVT.LTD, 808-A, 808-B, 808D, 808E & 808-F Sector-III, Steel Zone, Industrial Area, Pithampur, Dist., Dhar (M.P.).	No.69	26/12/2024	25/12/2026	For 2 years
22	Mycem & Zuari Cement.	Heidelberg Cements India Ltd., 2nd Floor, Plot No.68, Sector-44, Gurugram, Haryana-122002 (India).	No.70	26/12/2024	25/12/2026	For 2 years
23	PAINTS-Interior/ Exterior Emulsions, Construction Chemicals, Waterproofing Chemicals & Wall Putty.	Gujrat Paints Industries, Gat No.47/1, Umale Nashirashad Road, Umale, Taluka Dist.Jalgaon-425003 (MS).	No.71	26/12/2024	25/12/2026	For 2 years
24	"SKY TMT Bars" Grades Fe 550 and Fe 550D Size 8mm up to 32 mm.	Sky Alloys and Power Ltd. "SKY House" 16, Recreation Road, Choubey Colony, Raipur(CG)-492001. Works: Kharsia, Tah-Kharsia, Temtema, Raigarh (CG)-496661.	No.72	26/12/2024	25/12/2026	For 2 years
25	Roopam TMT 8mm to 32 mm diameters in grades Fe 415, Fe-500, Fe-500D, Fe-550, Fe550D.	Bindra Steel Pvt. Ltd., Plot No.C-53, Addl.MIDC Area, Behind DIC Office, Jalna-431203(India).	No.73	26/12/2024	25/12/2026	For 2 years
26	"Kaka Brand" Solid Panel, PVC Doors, Frames, Hollow PVC Doors & Doors Frames, UPVC Windows, UPVC Frames & UPVC Doors, WPC Doors & Frames, WPC Boards/Sheets, WPC Jali, PVC False Ceiling, PVC Wall Paneling, PVC Kitchen Cabbinate, PVC Cupboards & UPVC Roofing Sheets.	Kaka Industries Ltd., 67, Bhagawati Nagar, Opp.Nilkanth Arcade, Nr.Kathawada G.I.D.C. Khuha-Kanbha Road, Ahmedabad-382415.	No.74	26/12/2024	25/12/2026	For 2 years

27	Wall Paints, Interior and Exterior Texture Paints, Primer, Tile adhesive and Putty.	WallTak Paint Pvt.Ltd., Flat No.1203, E-Wing, Royal Classic, Andheri Link Road, Andheri (West), Mumbai-400058.	No.75	26/12/2024	25/12/2026	For 2 years
28	Building & Road materials Testing.	Rajnandani Enterprise and Consultancy, 286 Anil Bhatiya avasiya parishar, Shatabdipuram, Gwalior.	No.76	26/12/2024	25/12/2026	For 2 years
29	tele MEP, aqua MEP Brand DWC HDPE Pipe and electrical conduit.	Mohindra Eco Pipes, Barsola Road, Khatkar, Jind, Haryana-126115, India.	No.77	26/12/2024	25/12/2026	For 2 years
30	"SCL CORA Brand" uPVC Door & Windows with 60 mm/50 mm series.	Shani Corporation Ltd., D-42, E-42 & 43, Gopalpur Industrial Area, Sikandrabad, Bulandshahr, Uttar Pradesh-203205.	No.78	26/12/2024	25/12/2026	For 2 years
31	office furniture & Modular furniture.	Durian Industries Ltd., 65 PU 4 Behind C21 Mall, AB Road, Indore-452010.	No.79	26/12/2024	25/12/2026	For 2 years
32	Prime Gold Brand TMT 8mm to 32 mm diameters in grades Fe-500, Fe-500D & Fe550D.	Prime Gold Sail JVC. Ltd., 5/2, Punjabi Bagh Extn., Club Road. New Delhi. 110026.	No.80	26/12/2024	25/12/2026	For 2 years
33	TMT Bars size 8mm to 32 mm in grades Fe-500, 500D & 550.	Rajuri Steels & TMT Bars Pvt.Ltd., Plot No.F-16/17, phase-II, Additional M.I.D.C. Jalna. (MH) India.	No.81	26/12/2024	25/12/2026	For 2 years
34	Sunheart Ceramik Brand Fullbody Vitrified slab tiles 15 MM, Unglazed Vitrified tiles, Glazed Vitrified tiles, Porcelain tiles, Ceramic floor tiles & Ceramic wall tiles.	Sunshine Tiles Co.Pvt.Ltd., S.No.150 & 160/P1, B/h, Sunhill Ceramics Pvt.Ltd.8-A, National Highway, At.Dhuva.Tel.Wankner, Dist Morbi Gujrat 363621 India	No.82	26/12/2024	25/12/2026	For 2 years
35	VIVA Brand Aluminium composite panel/Aluminium high pressure laminate, aluminium corrugated core panel, zinc composite panel- el Zinc, aluminium honey comb panel & solid aluminium sheet.	Viva composite Panel (P) Ltd., A 601, Times Square, Andheri(East), Mumbai, Maharashtra-400059.	No.83	26/12/2024	25/12/2026	For 2 years
36	"Elegant Steel" Grade 550D Tmt Bars.	Shakambhari Ispat & Power Ltd., Diamond Prestige, 41 A, A.J.C. Bose Road, 8 th floor # 801, Kolkata-700017.	No.84	26/12/2024	25/12/2026	For 2 years
37	JSW One TMT Brand 8mm to 32 mm diameters in grades Fe-550 & Fe550D.	JSW One Distribution Ltd. 6 th floor, JSW Center, Bandra Kurla Complex, Bandra (East), Mumbai 400051 Maharashtra, India.	No.85	26/12/2024	25/12/2026	For 2 years
38	Multiproof Putty.	Multiproof Industries Pvt. Ltd. Plot No.42/238, Maheshwari Complex, 1 st Floor, Company Bagh, 485001-Satna, Madhya Pradesh,	No.86	26/12/2024	25/12/2026	For 2 years
39	Ceramics Tile, Vitrified Tile/full Body Vitrified, PGVT/GVT Vitrified Tile, Rectified and Un Rectified & antiskid tile, Tactile & Double Charge Tiles.	Pavit Ceramics Pvt. Ltd. 303 Campas Coorner-II, Near Prahlad Nagar Garden, Satalife-Ahmedabad, Gujrat-380015.	No.87	26/12/2024	25/12/2026	For 2 years
40	high-quality Transformers.	SD Enterprises, 29 Shri Krishna Vihar, Akeda Dunger Vki Area Road No.18, Jaipur-302013.	No.88	26/12/2024	25/12/2026	For 2 years

YEAR-JULY-2025

S.no.	Name of product	Party name	Circular No.	Date of issue	Expiry date	Remarks
1	"Orientbell Brand" Vitrifies, Ceramic-wall & Floor GVT Tiles, Acid Alkali Resistant Tiles.	Orient Bell Ltd., Iris House, 16 Business Center, Nangal Raya, New Delhi-110046.	No.10	09-07-2025	08-07-2027	For 2 years
2	Somany Brand Tiles (Ceramics wall & floor, GVT, PVT, Full body Tectile, Parking tile), Bath fitting, Sanitaryware, bath Accessories, Adhesive.	M/s Somany Ceramics Ltd., F-36, Sector-6 Noida, 210301(UP) India.	No.11	09-07-2025	08-07-2027	For 2 years
3	uPVC& Aluminum Profiles for Doors& Windows.	PSP Dynamic Ltd., 26 A&B, Old Industrial Area, Alwar-301001, Rajsathan, India.	No.12	09-07-2025	08-07-2027	For 2 years
4	Annapurna Containers Ocean plus-HDPE/ LLDPE/P.E.Water Storage Tanks.	Annapurna Containers, Village-Serikhedi, Raipur (C.G.).	No.13	09-07-2025	08-07-2027	For 2 years
5	Motto Brand Ceramic Vitrified Tiles/Slabs products.	Motto Stone Pvt.Ltd., 8-A N.H.Survey no.171, Sartanpar Road, At.Sartanpar, Wabjaner, Morbi-363621,Gujarat, India.	No.14	09-07-2025	08-07-2027	For 2 years
6	Jplex Jindal Products including PVC, CPVC,UPVC ASTM and SWR Pipes & Fittings, HDPE Pipes, DWC Pipe, Water Storage Tanks, Conduit Pipes, Garden Pipes and Sanitary Products which Includes PTMT Taps, C.P.Fittings, Concealed & Exposed Cisterns and Toilet Seat Covers.	Jindal Sanitaryware Pvt.Ltd.43 KM Milestone, NH-10, 44 Feet Road, Sector-II, Mandothi-Dassur- Kheri Road, Rohad, Dist.Jhajjar, Haryana-124501, India.	No.15	09-07-2025	08-07-2027	For 2 years
7	AIOMAX Brand Auminium Composite Panel Sheet.	Alucopanel Industries, E-4, Mansarovar Garden, New Delhi-110015, India.	No.16	09-07-2025	08-07-2027	For 2 years
8	Halonix Brand LED Fittings and Luminaries (Indoor and Outdoor), Electric Ceiling Fans & Exhaust fan.	Halonix Technologies Pvt.Ltd. B-31, Phase II, Noida, Distt.Gautam Buddh Nagar, U.P.201305.	No.17	09-07-2025	08-07-2027	For 2 years
9	Shakti Hormann Brand Metal Fire Door, Metal Fire Glazed Doors, Metal lead line Doors, Metal Doors for General Purpose, Metal Acoustics Doors, Metal Frames, Residential Doors, Fire Rated Rolling Shutter, Sectional Doors, Double Skin Rolling Shutter, High Speed Doors, Dock Leveler, Bollards, Boom Barriers, Tyre Killer & Hormann Fire Rated Hardware.	Shakti Hormann Pvt.Ltd., H.No.2-67/1(Survey No.188,198) Gagillapur, Dundigal Municipality, Dundigal Gandimaisamma Mandal, Medchal (Malkajgiri) district-500 043.TS.India.	No.18	09-07-2025	08-07-2027	For 2 years

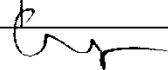
10	AAC BLOCK.	KKR SYNERGY PRIVATE LIMITED., DEWALGAON, KHANDWA ROAD, KHARGONE M.P.	No.19	09-07-2025	08-07-2027	For 2 years
11	Ceramic Wall & Floor Tiles, Polished Vitrified Tiles(PVT) & Glazed Vitrified Tiles (GVT).	Kajaria Ceramics Limited, J1/B1 (Extn.) Mohan Co-Operative Industria Estate Mathura Road, Badarpur, New Delhi-110044.	No.20	09-07-2025	08-07-2027	For 2 years
12	AKG make PVC Conduit, Fitting, Wires & Cables/FS Cable.	AKG Plastics Pvt.Ltd. B-23, Sector, B5, Noida, Gautam Buddh Nagar, (U.P)-201305.	No.21	09-07-2025	08-07-2027	For 2 years
13	AKG make CPVC, uPVC & SWR Pipes & Fittings.	AKG Extrusions Pvt.Ltd. Plot No.34 A/2, Udyog Vihar, Ecotech-II Gr.Noida, Gautam Buddh Nagar, (U.P)-201306.	No.22	09-07-2025	08-07-2027	For 2 years
14	"Time Elevators" Lift Manufacturer and Installation	Time Elevators Block No.UG-24, Laxmi Plaza, Opp.Alexis Hospital Near Mankapur Square, Nagpur-440030.	No.23	09-07-2025	08-07-2027	For 2 years
15	Home Pride Brand Tile Adhesive(CM/L-3101829, ISIS477), Water proofing, wall putty, Block Adhesive, Admixture, Tile Grout & Tile Bounder.	Home Pride Adhesive Pvt.Ltd, 49/92, Site-IV, Industrial Area, Sahibabad, Ghaziabad, U.P.201010.	No.24	09-07-2025	08-07-2027	For 2 years
16	Alfa Press Brand Stainless Steel Pipes and fittings.	Alfa Pipes & Fittings, 8/C, 192, 2nd Floor, Katab Mahal Building, D.N.Road, Fort, Mumai-400001.	No.25	09-07-2025	08-07-2027	For 2 years
17	GMG & CROSTA Brand Plywood, Block Boards, Wooden Flush Doors & Laminated Flush Doors, MDF, HDF, Pre-Laminated MDF, HDF & WPC (Wood Polymer Composite) Boards, Doors & Door Frames.	GMG Plywoods Pvt.Ltd., Village Kami Mazra, Khajuri Road, Yamuna Nagar-135001.	No.26	09-07-2025	08-07-2027	For 2 years
18	Unitech Brand PVC Pipe, Solvent, Electrical Conduits, Rigid Pipes, Column Pipes, Casing Pipes, RPVC, HDPE, Suction Pipes, Sprinkler, Driprrigation, MDPE Pipes, Deep Tubewell Pipes accessories-submersible, Winding Wire, Water Tanks, Agri, SWR, CPVC-Pipes & Fitting, SWR Ringfit Pipe & Fittings, Rib Casing Pipe, UGD Pvc Pipes .	Shri Balajee Polymers Industries, Khudi Road, Barnala, Barnala, Punjab, 148101.	No.27	09-07-2025	08-07-2027	For 2 years

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19	Metal Fire Rated Doors, wolden fire Rated Doors, Glazed fire doors, Acoustic Cum fire doors, steel wooden led line doors, Clean room doors, Pressed steel doors/windows, Pressed steel door/window's frames & FHC doors .	Bhawani Fire Protection Pvt.Ltd., Plot No.18, 1st Floor Above Central Bank of India, Rajendra Nagar, Sahibabad Ghaziabad-201005(India).	No.28	09-07-2025	08-07-2027	For 2 years
20	Sambhv Steel Brand ERW Pipes & Structural Tubes, Steel Door Frames & Pipes (MS, GI & GP) GP Coil, HRC Coil and SS Coil.	Sambhv Steel Tubes Limited, 501-511,5th Floor, Harshit Corporate, Amanaka G.E. Road, Raipur (Chhattisgarh) 492010.	No.29	09-07-2025	08-07-2027	For 2 years
21	White cement (IS8042), cement wash, Wall putty, waterproof putty, antiviral putty, waterproofing solutions, distemper paint, cement primer/wall primer, gypsum plaster, ready mix plaster, texture, tile adhesives, tile grouts & GRC.	UltraTech Cement Limited (Unit : Birla White) Ahura Centre, B-Wing, 2nd Floor, Mahakali Caves Road, Andheri (East), Mumbai 400 093.	No.30	09-07-2025	08-07-2027	For 2 years
22	"Sumolex Brand CPVC, UPVC, AGRI, SWR Pasting, Ringfit Pipes & Fittings, CPVC, UPVC Solvent, Column Pipes, F.R.P. Man Hole Chamber Cover.	Sumo Polyplast Pvt.Ltd., Plot No.G-925, G.I.D.C. Lodhika, Kishan gate. Kalawad road. at. Metoda, Dist.Rajkot (Gujarat) India.	No.31	09-07-2025	08-07-2027	For 2 years
23	"Encraft" Brand UPVC Doors & Windows.	Encraft India Pvt.Ltd., 70, Okhla Industrial Estate, Phase-III, New Delhi-110020 (India).	No.32	09-07-2025	08-07-2027	For 2 years
24	"Home Square" Brand Ceramic, Vitrified, Anti-Skid, Parking tiles & Sanitaryware	The Home Square LLP, 404, Genx Icon, Near Saguna More, Bailey Road, Patna, Bihar-801503	No.33	09-07-2025	08-07-2027	For 2 years
25	Up to 500 KVA 11/0.433 KV Copper Wound conv.Type Distribution Transformer.	Awadh Transformers, Plot No.2, Sector-1, Industrial Area, Govindpura, Bhopal (MP) 462023.	No.34	09-07-2025	08-07-2027	For 2 years
26	Alumaze Brand Aluminium Composite Panels, LDPE Core (Non-FR), Fire Retardant Grade FR B2, Fire Retardant Grade FR B1, Fire Retardant Grade FR B, Fire Retardant Grade FR A2, Alumaze High Pressure Laminates (Aluminium Base), Alumaze Zinc Composite Panels (Non-FR / FR B1 / FR A2) and Alumaze Honeycomb Panels.	Govind International, 50-1-49/1/1, Ratna Kunj, ASR Nagar Seethammadhara, Visakhapatnam-530013.	No.35	09-07-2025	08-07-2027	For 2 years

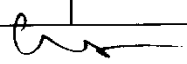


27	"BSR Calsi Ceilings Brand" 1- Metal Ceilings(G.I and Aluminium) a) Lay in Ceilings, b)Clip in Ceilings. c)Linear Ceilings d) Baffle Ceilings e)Hook on Ceilings f)Torsion Spring Ceilings 2- Calcium silicate Boards& Tiles:Perforated and designer 3 15 mm Integral Densified Light Weight Calcium Tiles, 4- Glass Reinforced Gypsum tiles(GRG) 5- Wooden Acoustic Panels 6- Framing & Grid system.	M/s Bharat Steel Rolls, E-17 & E-19, Old Bahadurgarh Industrial Area, Distt.Jhajjar, Haryana.	No.36	09-07-2025	08-07-2027	For 2 years
28	Ductile Iron Pipes in accordance to IS: 8329.	Electrotherm (India) Ltd, Survey No.325, Nr Tall Naka, Village Samakhiyali, Ta.Bhachau-370140 Dist Kachchh, Gujarat, India.	No.37	09-07-2025	08-07-2027	For 2 years
29	"Vectus" Brand ISI Mark Water Storage Tank, PTMT Taps, Seat Covers, Cisterns, Bath Fittings & Kitchen Sink, Road Safety& Other Household Products.	Vectus Polymers Pvt.Ltd., 12th Floor, Corporate Towers, Plot No.A-143, Noida-201304, Uttar Pradesh-India.	No.38	09-07-2025	08-07-2027	For 2 years
30	Multiproof Emulsion paints.	Multiproof Industries Pvt. Ltd. Plot No.42/238, Maheshwari Complex, 1 st Floor, Company Bagh, 485001- Satna, Madhya Pradesh, India.	No.39	09-07-2025	08-07-2027	For 2 years
31	GOVVINDA Brand TMT Bars	OCL Iron & Steels Ltd. (Govvinda TMT) Godrej Water side Tower-1, 5th floor, Sec-V. Saltlake City, Kolkata-700091, West Wengal, India..	No.40	09-07-2025	08-07-2027	For 2 years
32	"TRIAM A+ Brand" TMT Bars.	Amit Metaliks Ltd. Raturia, Dr.Hahneman Sarani, Angadpur Industrial Area, Angadpur, Bardhaman, West Bengal-713215.	No.41	09-07-2025	08-07-2027	For 2 years
33	"Bansala" Brand 33&11 KV, up to 10 MVA Transformers.	Bansala Engineers Powertech LLP. 546, Sangam Colony, Cherital Ward, Baldeobagh, Jabalpur(MP).	No.42	09-07-2025	08-07-2027	For 2 years
34	Laboratory for Construction Materials Testing (Mechanical & Chemical), Non Destructive Testing & Soil/Geotechnical Investigation Work.	Synergy Testing House LLP, Plot No-97, (Basement), Elegant Estate Near Mother Teresa School, Kolar Road, Bhopal-462042 (M.P.).	No.43	09-07-2025	08-07-2027	For 2 years



35	Sangam TMT/TMX Bar and Round Dowel Bar Fe-500/550, Fe500D/550D MAX grade.	SMW Ispat Pvt.Ltd., Plot No.C-2, M.I.D.C.Industrial Area, Deoli Growth Centre, Village Deoli, Wardha-442101(Maharashtra) India	No.44	09-07-2025	08-07-2027	For 2 years
36	"MSP" Brand Fe-500D/Fe-550D TMT Bars.	MSP Steel & Power Ltd. Village & PO Jamgaon District, Raigarh Chhattisgarh 496001.	No.45	09-07-2025	08-07-2027	For 2 years
37	AGL Brand (CM/L-7200092610) IS 15622:2017 Vitrified, Ceramic Wall, Floor, Porcelain, double Charge and Glaze Vitrified Tiles.	Asian Granito India Ltd., 202, Dev Arc, Opp. Iskcon Temple, S.G.Highway Ahmedabad-380015, Gujarat, India.	No.46	09-07-2025	08-07-2027	For 2 years
38	"ASPL Brand (A-Adarsh)" Plywood Flush doors & Block boards.	Adarsh Sales Pvt.Ltd. Nh-75, Satna Panna Road, Infront Of Bagri Petrol Pump, distt.Satna (M.P.).	No.47	09-07-2025	08-07-2027	For 2 years
39	Euro Panel Product Brand Aluminium Composite Panel (ACP), Aluminium Core Composite, Aluminium Honey Comb Panel (AHP), Aluminium High Pressure Laminate(AHPL), Zinc Composite Panel (ZCP).	Euro Panel Product Ltd. 12 th Floor, Solitaire Busines Center Market Road Sunder Nagar Borivali (West) Mumbai 400092.	No.48	09-07-2025	08-07-2027	For 2 years
40	Satrang TMT 550 SD Bars.	M/s Satrang Steels & Alloys (P) Ltd.Plot No.7, New Industrial Area No.11, Mandideep Distt.Raisen(MP). M/s Om Smelters & Rollers(P) Ltd., situated at Gram Bharthari, Jhansi-Gwalior Road (Distt.Gwalior) MP.	No.49	09-07-2025	08-07-2027	For 2 years
41	Bhumija TMT 550 SD Bars.	M/s Bhumija Ispat LLP, Plot No.35, Sector E-IV, Industrial Growth Centre, Maneri-481885 Distt.Mandla(M.P.).	No.50	09-07-2025	08-07-2027	For 2 years
42	"Magicrete & Magiclite Brand" AAC Wall Panels/AAC Block.	Magicrete Building Solutions Pvt.Ltd., 1st Flolr, Ritz Square, Nr.Narmad Librayr, Ghod Dod Road, Surat.Gujarat-395007.	No.51	09-07-2025	08-07-2027	For 2 years
43	Goldmedal Electricls Modular Switches/None Modular & Sockets, Wires & Cables, Led Luminaires, Switchgear, MCB, TPN, Metal box & DB (domestic use), Ceiling fan, BLDC Ceiling fan, Exhaust fan & Geysers, Office & Home automation.	Goldmedal Electricls Pvt.Ltd., Bldg.No.02 Shripal Industries Estate, Behind Varun Industries, Waliv Road, Vasai East Dist.Palghar-401208, Maharashtra India.	No.52	09-07-2025	08-07-2027	For 2 years

44	"KSR" Brand"Swr Pipes and Fittings Cpvc, Upvc pipe & fittings, Agriculture fittings & water tank and "Kisan Brand" Polypropylene Random (PPR-C), Hdpe, PVC pipes, Upvc pipe & water tank.	Kisan Irrigations and Infrastructure Ltd., Tex Centre, "L" Wings, 3rd Floor, 26 "A", Chandivli Road, Opposite Saki Vihar Road, Andheri (E) Mumbai-400072 (M.S.).	No.53	09-07-2025	08-07-2027	For 2 years
45	"Plasto green Brand" WPC/PVC Doors, Frame, UPVC Windows & Wooden Flush Door.	Gayatri Associates, 15, D.P.Market, Near Hotel Surbhi, Naya Bazar, Lashkar Gwalior-474001 (M.P.).	No.54	09-07-2025	08-07-2027	For 2 years

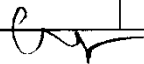


YEAR-OCTOBER -2025						
S.no.	Name of product	Party name	Circular No.	Date of issue	Expiry date	Remarks
1	ISI Mark (IS 12701:1996) HDPE Water Storage Tank.	Supremo India Pvt.Ltd.Patwari Halka No.52, Survey No.399&400/2, Gram Badiakeema, Teh.Indore, Indore-452001(MP).	No.56	16-10-2025	15-10-2027	For 2 years
2	Energy Green Brand" Outdoor & Indoor Lighting Systems, Solar Light, Octagonal Poles, High Mast Lighting Towers, Tubular Poles, Decorative Poles, Electrical Panel and DWC Pipe.	Energy Green Techno Power Pvt.Ltd., 32/2, Sector-E, Industrial Area Govindpura, Bhopal-462023 (MP).	No.57	16-10-2025	15-10-2027	For 2 years
3	PAN TMT SARIA Brand (ISI Mark IS 1786) TMT Bars sizes 8mm to 32 mm of Grade FE500, FE 500D & FE550D.	Venus Alloys Pvt.Ltd. Unit-2, Village: Fatehgargh, Teh.Dalanda, Distt.Mandsaur (MP).	No.58	16-10-2025	15-10-2027	For 2 years
4	Plaza Brand Armoured/Unarmored LT XLPE Cables, PVC Flexible Wires, Fire Survival cables, Telephone & CCTV Cables, Control & Instrumentation Cables & Solar Cables & PCG Brand PVC Conduct Pipe accessories & PVC Tape	Plaza wires Limited, A-74, Okhla Industrial Area, Phase-II, New Delhi-110020.	No.59	16-10-2025	15-10-2027	For 2 years
5	Rox Brand Interior & Exterior Emulsion, Interior & Exterior Textures range, Wall putty, Tile Adhesive, Rustic, Primer & Paint.	Texture Heven, 16 First Floor at Metro Plaza, E-5 Arera Colony Bhopal-462016 (MP).	No.60	16-10-2025	15-10-2027	For 2 years
6	Sagar Cement Brand Product Cements PPC (IS:1489 Part 1:2015 and OPC-53 Grade (IS:269:2015).	Sagar Cements (M) Pvt.Ltd., A-517, 5th Floor Gold Plaza, Apollo DB city, Nipania, Indore-452010 (MP).	No.61	16-10-2025	15-10-2027	For 2 years
7	TMT Bars Grade Fe-415, Fe-500, Fe-550, Fe-500D & Fe-550D.	Ganraj Ispat Pvt.Ltd., Plot No.A-3 Supa Parner Industrial Area, Nagar-Parner Road, Supa, Tal:Parner, Dist:Ahilya Nagar-414 301.Maharashtra.	No.62	16-10-2025	15-10-2027	For 2 years

8	M.P.Wood Products Wooden panel, Flush Door & Wire Mesh Door Shutters.	M.P.Wood Products, 124, Labriya Bheru, Dhar road, Indore-2(MP).	No.63	16-10-2025	15-10-2027	For 2 years
9	JK Maxx Paints, JK Maxx Texure Wall Finishes (Exterior and Interiors), JK Level Maxx Plus, JK Maxx Exterior/Interior Emulsion, JK Maxx Acrylic Distemper, JK Maxx Acrylic Primer, JK Maxx Synthetic Enamel.	JK Maxx Paints Limited, Prism Tower "6" Floor, Ninaniya Estate Gwal Pahari, Gurugram-122102 Haryana.	No.64	16-10-2025	15-10-2027	For 2 years
10	Fixoboard brand PVC and WPC Plain and Printed Product.	Atlantic Polymers Unit-II Pvt.Ltd., 4-A, Sejal Encasa, 4th Floor, S.V.Road, Kanidvali west, Mumbai- 400067.	No.65	16-10-2025	15-10-2027	For 2 years
11	Concrete Admixture, Tile Adhesive, Waterproofing, Wallputy & Paints, Epoxy Grout, Non-Shrink Grout & Block fix.	Redwop Chemicals Pvt.Ltd., 2nd Floor, Pearl Plaza, Beside G.T.Seth School, 150 ft. Ring Road, Rajkot-5, Gujarat (India).	No.66	16-10-2025	15-10-2027	For 2 years
12	Rungta Brand Steel Tmt Rebar Fe500D/Fe550D.	Rungta Mines Limited, Rungta Office: Nagar Parishad Complex, Chaibasa, Jharkhand- 833201(India).	No.67	16-10-2025	15-10-2027	For 2 years
13	Shoorvir Brand TMT Bars Grade Fe-500, Fe-500D Fe-550, and Fe-550D.	Aarti Sponge and Power Ltd., Aarti House, Ashoka Ratna, Vidhan Sabha Road, Shankar Nagar, Raipur (C.G.) 492007.	No.68	16-10-2025	15-10-2027	For 2 years
14	SD Lion TMT Bars (Grade Fe- 500D, Fe-550D and Fe-600), Wire Rod.	Shree Ramdoot Rollers Pvt.Ltd., Nilhat House, 11, R.N. Mukherjee road, 10th Floor, Kolkata-700001.	No.69	16-10-2025	15-10-2027	For 2 years
15	Jaquar Brand as Premium Sanitary Fittings, ESSCO Brand as Standard Sanitary Fittings & Jaquar Brand Indoor, Outdoor, Decorative, Facade Lights & Switches.	M/s Jaquar & Company Pvt.Ltd. Plot No-3, Near Maruti Gate No/4, IMT Mnesar, Sec-11, Manesar, Gurugram, Haryana- 122050.	No.70	16-10-2025	15-10-2027	For 2 years
16	Western Brand Metal Tiles False Celing with T Grid System, Baffle Ceiling, Open Ceiling, Dry Wall Partitions & Wall Linings, Gypsum Boards False Ceiling with Metal System, Gypsum Plaster, White Cement-Based Putty, Classic Bond.	Western Infrabuild Product LLP. A-592 TTC Industrial area, MIDC, MAHAPE Navi Mumbai-400701, Maharashtra India.	No.71	16-10-2025	15-10-2027	For 2 years

17	Lumen Brand Residential & Industrial Outdoor and Indoor LED Lighting Decorative, FRP, High Mast and Octagonal pole Brand.	M/s S.V.Electricals & Industries (Lumen), Manufacturer of LED Lights & Drivers and Poles, Plot No.18 Sector-B, Industrial area Govindpura, Bhopal (M.P).	No.72	16-10-2025	15-10-2027	For 2 years
18	Merino Brand (a) Plain & Prelaminated Particle Board, (b) Plain & Prelaminated Marine Boards, (c) Flush Doors, (d) MDF, (f) Toilet Cubicles, (g) Plywood, (h) Flooring, (i) Exterior wall cladding.	Merino Industries Limited, 70, KLI Complex, 2nd Floor, Moti Ngar, New Delhi-110015, India.	No.73	16-10-2025	15-10-2027	For 2 years
19	RECO BATH Brand Sanitaryware, Foucets & showers, Bathroom accessories and Allied products.	Recobath India LLP, 84-C, Sheetal Nagar, Opp. Raddison Hotel, Indore (MP).452010.	No.74	16-10-2025	15-10-2027	For 2 years
20	Waterflo Brand PVC, SWR, UPVC, CPVC, UGD & HDPE Pipes & Fittings.	M/s Godavari Group of Companies, Survey No- 27, Plot No-1 & 2, 6 to 10, Survey No- 26, Plot No-6, National Highway-8 B, Shopar (Veraval) 360 024, Dist- Rajkot, Gujrat (India).	No.75	16-10-2025	15-10-2027	For 2 years
21	BIS Standards-IS:2185 (Part-3), IS:6441 (Part 1-9) Orilite AAC Blocks & Orifix (Block Jointing Mortar).	Oriental Power Cables Ltd., D-Block, Multimetals Limited Campus, 6-7, Heavy Industrial Area, Kansua Road, Kota. Rajasthan-324003(India).	No.76	16-10-2025	15-10-2027	For 2 years
22	TMT Bars Fe-550 D +SD, Ms ERW Tubes, TMT Wire Rod, Black Wire, Structural Steel.	Super Smelters Limited, Premlata 139, Shakespeare Sarani , 2nd Floor Kolkata-700017	No.77	16-10-2025	15-10-2027	For 2 years
23	Kalpataru Brand Flush Doors, Laminated Flush Doors, Veneer Flush Doors, Fire Retardand Doors, HDF Flush Doors, Moulded Panel Doors, Complete Door Solutions (CDS) Doors with Door Frames & Installation, Pre Fabricated Panels, Plywoods as per IS:710 and IS:303, Block Board & Fire Retardant Plywood.	V.K. Patel & Co. G-2/3/4, Mahesh Darshan, Near Makhmali Talao, Thane(W), Mumbai-400601.	No.78	16-10-2025	15-10-2027	For 2 years

24	Durian" Brand Decorative Laminates.	Cedar Decor Pvt.Ltd.. A-1/1001,10th floor, Palladium, Corporate Road, Makarba, Ahmedabad-380051 Gujarat India.	No.79	16-10-2025	15-10-2027	For 2 years
25	IS 12701:1996 Mark Polyraj Brand Water Storage Tanks.	Polyraj Protech LLP, Rau Pithampur Bypass, PO Rau, Indore-453331(MP).	No.80	16-10-2025	15-10-2027	For 2 years
26	V-Marc Brand LT/HT wires & Cables and MCCB, RCCB & switchgear.	V-Marc India Limited, Plot No.3,4, 18& 20 A-Sector, IIDC, SIDCUL, Haridwar, Uttarakhand-249403.	No.81	16-10-2025	15-10-2027	For 2 years
27	Paras Brand CPVC, UPVC, SWR Pipes & Fittings, Column Pipes, Conduit Pipes & Fittings.	Bothara Agro Equipments Pvt.Ltd., B-16, MIDC, Ahiyanagar-414111(MS).	No.82	16-10-2025	15-10-2027	For 2 years
28	Ultracab Brand all Type Wires & Cable.	Ultracab (India) Ltd. Survey No.262, B/H Galaxy Bearings Ltd., Shapar(Veraval), Dist.Rajkot-360024 Gujarat. (India).	No.83	16-10-2025	15-10-2027	For 2 years
29	Shaurya TMT and Prime Gold TMT Bars (08mm to 32mm in various Grade :- Fe 415, Fe 415 D, Fe 500, Fe 500D, Fe 550, Fe 550 D & Fe 600) .	Shaurya Ispat Udyog Pvt. Ltd., Village : Kirna, Post Office Baikunth(Tadava), Tehsil:Tilda, Dist.Raipur (CG)-493116.	No.84	16-10-2025	15-10-2027	For 2 years
30	BIS Certified Polycarbonate Sheets (Compact, Embossed Multiwall& Profile), Acrylic Sheets (PMMA) & Polystyrene Sheets (GPPS).	Tilara Polyplast Pvt. Ltd., Survey No.26, Tilara Road, At.Shapar, Dist.Rajkot. 360024 - Gujarat, India.	No.85	16-10-2025	15-10-2027	For 2 years
31	Flowkem Brand CPVC/UPVC/SWR Pipe and fittings /Agriculture pipe and Fittings & Storage Tank.	Flowkem Poly Plast Pvt.Ltd. 5, Shukun Hebitet, 3rd Floor Prema Park Society, NR.L.G. Corner Ramji Mandir Road, Maninagar Ahmedabad-380008, Gujarat, India.	No.86	16-10-2025	15-10-2027	For 2 years
32	Awadh Brand TMT Grade Fe-500D, Fe-550D Nominal Sizes: 8mm, 10mm, 12mm, 16mm, 20mm, 25mm, 28mm, 32mm, TMT Bars and TMT Wire Rod, Structural Steels.	Giridhan Metal Pvt.Ltd., Premlata 39 Shakespeare Sarani, 2nd Floor Kolkata-700017, West Bangal, India.	No.87	16-10-2025	15-10-2027	For 2 years
33	Blue Lines TMT Brand 8 mm to 32 mm in Fe- 550D Grade TMT Bars.	SKA Steel and Power Pvt.Ltd.,Plot No.251, Sector C, Urla Industrial Area,Village-Gondwara, Raipur Chhattisgarh 492003.	No.88	16-10-2025	15-10-2027	For 2 years



34	Hi-Steel Brand GI Grid System, GI and Aluminum Lay-in Plain & Perforated Ceiling System, GI and Aluminum Clip-in Plain & Perforated Ceiling System, GI and Aluminum Linear Ceiling System, GI and Aluminum Baffles and Open cell Ceiling System, Sun louvers System, Mineral Fiber False Ceiling & System.	P.R. Products, Khasra No.1496-1498, Village Bainpur, Opp.D-19 UPSIDC Site-C Road, Near RKGM Collage, Sikandra, Agra-282007.	No.89	16-10-2025	15-10-2027	For 2 years
35	"Fortune Brand" Fortune TMT Bars (8mm to 32 mm) & MS Pipes and G.I.Pipes, Steel Tubes for Structural Purposes Specification, Steel Tubes, Tubular and Other Wrought steel Fittings, Steel Tubes for mechanical and general engineering purposes, Hollow Steel Section for Structural Use Specification, Steel tubes for idlers for belt conveyors Steel Pipes for Water and Sewage.	Fortune Metaliks Ltd., 24 Mileston, Raipur- Bilaspur Highway, Village Kapasda, P.O.+Tehsil-Dharsiwa, Raipur-493221, Chhattisgarh.	No.90	16-10-2025	15-10-2027	For 2 years
36	Elevators and Escalators Supply, Installation , Testing and Maintenance.	Trio Elevators Co.(India) Pvt.Ltd. 707 Nobles Trade Centre, Bhuyangdav Cross Road, Nemnagar, Ahmedabad-380052 Gujrat, India.	No.91	16-10-2025	15-10-2027	For 2 years
37	Water Proofing and Construction Chemicals ALFA CRETE, ALFA PRIME PLUS, ALFASHIELD BLACK, MR.BLACK, ALFASHIELD WHITE, MR. WHITE ALFASHIELD 2K, ALFASHIELD PU-1K, ALFASHIELD CURING COMPOUND, ALFASHIELD SHUTTERING OIL, ALFASHIELD APP MEMBRANE, ALFASHIELD HDPE MEMBRANE, ALFASHIELD PU-SELANT, ALFASHIELD P100, ALFASHIELD G100, For Building Exterior ALFASHIELD WALL GUARD, ALFASHIELD WALL TOUCH PRIMER, ALFA PLASTOSEAL, ALFASHIELD CLEAR COAT.	Alfashield Polymer Pvt.Ltd., A-13-14, Beeta Industrial Park, Indore (MP).	No.92	16-10-2025	15-10-2027	For 2 years

38	"HPL Brand" Wires (Solar DC Wire), (FR-LSH & ZHFR), Multi Core & Flat Cable, RG-6 & CAT 6, LED Lighting (Indoor & Outdoor) All Panel Light, Down Lighters, Batten, LED Lamp, Street Light & Flood Light & Solar Street Light, Modular Switches, Accessories & FAN (Ceiling, Exhaust, Wall & Pedestal) Metering Solutions, LV Switchgears (MCB, DB, RCCB, RCBO and MCCB, ACB Contactor Changeover) and Motor Starter.	HPL Electric & Power Ltd., 411 Satguru Parnay Opp. Central Mall, A.B. Road Indore-452010.	No.93	16-10-2025	15-10-2027	For 2 years
39	Tiles and stone Adhesive.	Shree Bholeshankar Marble Pvt.Ltd., GPS Rawer, 6/1, Gram Panchderiya, Sanwer, Ringnodiya Square, Ujjain Road, Indore (MP).	No.94	16-10-2025	15-10-2027	For 2 years
40	AAC Blocks.	SRS Eco Blocks Pvt.Ltd., A-1, New Vivekanand Colony, Balwant Nagar, Back of Silver State, Thatipur Gwalior (MP)-474011.	No.95	16-10-2025	15-10-2027	For 2 years
41	KJS Cement.	KJS Cement (I) Ltd., NH-7, Village Amilia, Maihar Distt. Satna (Madhya Pradesh) Pin-485771.	No.96	16-10-2025	15-10-2027	For 2 years


 (Shailendra Verma)
 Addl. Housing Commissioner-1
 M.P.H.&I. Dev. Board, Bhopal.

निर्माण कार्य में विलम्ब हेतु मैदानी अधिकारियों एवं संविदाकार के दायित्व के निर्धारण एवं दण्ड तथा मण्डल के निर्माण कार्य समय से पूर्व पूर्ण करने पर अधिकारियों एवं ठेकेदारों को प्रोत्साहन देने की नीति

संचालक मण्डल के 248 वें सम्मिलन दिनांक 22.02.2019 की पद संख्या-अति.दो पर बोर्ड द्वारा निर्देश दिये गये कि "भविष्य में योजनाओं पर लागू होने में विलंब होने पर संबंधित कार्यपालन यंत्री/उपायुक्त/अपर आयुक्त का उत्तरदायित्व निर्धारित किया जावे। इसी प्रकार जिन योजनाओं का कार्य निर्धारित समयावधि के पूर्व पूर्ण किया जाता है उन योजनाओं में संबंधित अधिकारियों/ठेकेदारों के लिए प्रोत्साहन योजना लाने पर भी विचार किया जा सकता है।"

उपरोक्त निर्देशों के पालन में निर्माण कार्य में विलम्ब हेतु मैदानी अधिकारियों के दायित्व का निर्धारण तथा निर्धारित समयावधि से पूर्व कार्य पूर्ण करने पर अधिकारियों व ठेकेदारों को प्रोत्साहन देने की नीति निम्नानुसार निर्धारित की गई है :-

(अ) निर्माण कार्य में विलम्ब हेतु मैदानी अधिकारियों एवं संविदाकार के दायित्व के निर्धारण एवं दण्ड हेतु नीति :-

1. मण्डल की समस्त सामान्य आवासीय, अटल योजनाओं, निक्षेप कार्यों तथा पुनर्धनत्वीकरण एवं पुर्ननिर्माण कार्य योजनाओं पर यह नीति लागू रहेगी।
2. मैदानी अधिकारियों से तात्पर्य निर्माण कार्य में परोक्ष रूप से संलग्न अधिकारियों यथा उपायुक्त, (सिविल एवं विद्युत) कार्यपालन यंत्री (सिविल एवं विद्युत), सहायक यंत्री (सिविल एवं विद्युत), उपयंत्री (सिविल एवं विद्युत), तथा संभागीय लेखापाल, संभागीय आडीटर, समयपाल स्तर के कर्मचारियों से है।
3. निर्माण परियोजनाओं हेतु अपर आयुक्त मानिट्रिंग एवं नियंत्रणकर्ता अधिकारी होते हैं, अतः समय पर योजना हेतु यथोचित निर्णय नहीं लिये जाने की स्थिति में अपर आयुक्त भी जबाबदार माने जावेंगे एवं यदि मैदानी अधिकारियों पर शास्ति आरोपित की जाती है तो समिति यह परीक्षण भी करेगी कि अपर आयुक्त तथा मुख्यालय के अधिकारियों का क्या दायित्व रहा एवं तदनुसार शास्ति निर्धारित की जावेगी।
4. निर्माण कार्य में विलंब का तात्पर्य अनुबंध अनुसार निर्धारित तिथि से 6 माह से अधिक विलंब से पूर्ण हुए कार्य से है।
5. विलंब से पूर्ण हुए सभी निर्माण कार्यों की जानकारी का मुख्यालय की तकनीकी शाखा द्वारा परीक्षण कर मूल्यांकन समिति के समक्ष प्रकरण अपर आयुक्त-1 /2 के माध्यम से प्रस्तुत किये जाएंगे।

6. निर्माण कार्यो में विलम्ब के मूल्यांकन एवं समय पर अथवा समय से पूर्व गुणवत्तापूर्ण किये गये निर्माण कार्यो हेतु प्रोत्साहन हेतु मुख्यालय स्तर पर आयुक्त की अध्यक्षता में निम्नानुसार समिति गठित की जाती है :-
 - (1) मुख्य लेखा अधिकारी (2) मुख्य अंकेक्षण अधिकारी (3) मुख्य प्रशासनिक अधिकारी (4) अपर आयुक्त-1 (5) अपर आयुक्त-2, (6) उपायुक्त, विद्युत, (7) मुख्य अभियन्ता (नगरीय प्रशासन अथवा राजधानी परियोजना प्रशासन अथवा म.प्र.ग्रामीण सड़क विकास अभिकरण)
7. निर्माण कार्य में विलंब हेतु मैदानी अधिकारियों के दायित्व का निर्धारण एवं विलंब हेतु उत्तरदायी पाये गये अधिकारियों को दण्ड देने हेतु प्रक्रिया निम्नानुसार रहेगी :-
 - (अ) निर्माण कार्य में हुए विलम्ब के कारणों का विश्लेषण किया जावेगा, जिसमें प्रमुखतः निम्न बिन्दुओं का समावेश होगा :-
 - (i) कार्य प्रारंभ करने से पूर्व समस्त औपचारिकताएं, वैधानिक स्वीकृतियों एवं अनुमतियों आदि समय पर प्राप्त की गई अथवा नहीं।
 - (ii) कार्य प्रारंभ करने से पूर्व निर्माण कार्य की ड्राईंग, डिजाईन, प्लान आदि का अनुमोदन।
 - (iii) कार्य प्रारंभ करने से पूर्व भूमि का अधिपत्य एवं साईट क्लियरेंस की स्थिति।
 - (iv) निर्माण कार्य के दौरान समय पर वर्किंग ड्राईंग एवं डिजाईन की उपलब्धता। संविदाकार द्वारा कार्य में आ रही बाधाएं ड्राईंग संबंधी निर्णय आदि समय पर दिये गये अथवा नहीं।
 - (v) निर्माण कार्य के दौरान संविदाकार के चल देयकों का भुगतान समय पर किया गया है अथवा नहीं।
 - (vi) निर्माण कार्य के दौरान संविदाकार से कार्य योजना एवं गेन्ट चार्ट प्राप्त किया गया है अथवा नहीं। संविदाकार द्वारा अनुपातिक प्रगति नहीं दिये जाने की स्थिति में कार्यपालन यंत्री द्वारा की गई कार्यवाही।
 - (vii) निर्माण कार्य के दौरान संविदाकार द्वारा निर्धारित मापदण्ड अनुसार कार्य की गुणवत्ता नहीं दिये जाने पर कार्यपालन यंत्री द्वारा की गई कार्यवाही।
 - (viii) निर्माण कार्य पर आयुक्त/अपर आयुक्त/गुणवत्ता नियंत्रण प्रकोष्ठ दल/मुख्य तकनीकी परीक्षक दल द्वारा निरीक्षण के दौरान दिये गये निर्देश एवं निरीक्षण टीप तथा इस पर कार्यपालन यंत्री एवं उपायुक्त स्तर पर की गई कार्यवाही का विश्लेषण।
 - (ix) निर्माण कार्य में कुल विलंब अवधि हेतु संविदाकार की ओर से किये गये विलंब अवधि, अपरिहार्य कारणों से हुए विलंब की अवधि तथा मण्डल की ओर से हुए विलंब अवधि की

गणना तथा अंतिम समयावधि निर्धारण के समय नियमानुसार पेनाल्टी भारित की गई है अथवा नहीं इसका परीक्षण किया जाएगा।

- (ब) उपरोक्त विश्लेषण के आधार पर कार्य में विलंब हेतु मैदानी अधिकारियों की जवाबदारी तय कर प्रकरण मूल्यांकन समिति के समक्ष प्रस्तुत किये जाएंगे।
- (स) निर्माण कार्य पर विलंब के साथ कार्य की गुणवत्ता, कार्य का स्वरूप एवं कार्य की लागत पर भी विचार किया जावेगा एवं निम्न स्तरीय गुणवत्ता वाले कार्यों पर नियुक्त अधिकारियों को भी शास्ति अधिरोपित की जावेगी।
- (द) कार्य में विलम्ब तथा निम्न गुणवत्ता हेतु दण्ड का निर्धारण कार्य की समयावधि, अनुबंधित राशि के आधार पर मूल्यांकन समिति द्वारा किया जावेगा। प्रत्येक मैदानी अधिकारी को दण्ड राशि न्यूनतम 5000/- एवं अधिकतम रुपये 50,000/- तक निर्धारित की जावेगी।
- (ई) मूल्यांकन समिति उपरोक्तानुसार सभी प्रकरणों का परीक्षण कर मैदानी अधिकारियों के दायित्वों का निर्धारण बाबत अपना अंतिम निर्णय/प्रतिवेदन आयुक्त के समक्ष प्रस्तुत करेंगे।
- (फ) मूल्यांकन समिति द्वारा दिये गये निर्णय अनुसार मैदानी अधिकारियों पर शास्ति आरोपित करने संबंधी कार्यवाही की जावेगी। दण्ड का स्वरूप निर्माण कार्य में हुए विलम्ब की अवधि के अनुसार निम्नानुसार आंकलित किया जायेगा :-

क्र.	विलंब अवधि	विलंब का स्वरूप	प्रस्तावित दण्ड
1.	6 माह तक विलंब	सामान्य विलंब	मैदानी अधिकारियों हेतु - मूल्यांकन समिति की अनुशंसा अनुसार। संविदाकार को शास्ति अनुबंध अनुसार।
2.	6 माह से अधिक एवं 12 माह से कम	अधिक विलंब	मैदानी अधिकारियों हेतु - मूल्यांकन समिति की अनुशंसा अनुसार। संविदाकार को शास्ति अनुबंध अनुसार।
3.	12 माह से अधिक विलंब हेतु	अत्याधिक विलंब	मैदानी अधिकारियों हेतु - मूल्यांकन समिति की अनुशंसा अनुसार। संविदाकार को शास्ति अनुबंध अनुसार।

YEAR-DEC-2024

S.no.	Name of product	Party name	Circular No.	Date of issue	Expiry date	Remarks
1	"Unicor Brand" LED Light products.	Unicor Innovations Pvt.Ltd., 935, Gram Sabha Pooth Kalan, Near Rithala, Metro Station, New Delhi-110086	No.49	26/12/2024	25/12/2026	For 2 years
2	Redd Brand Flush Door Reddxi Brand WPC doors & WPC Frames.	Kirat wood Products, 154/2, GNT Market LabriyaBheru, Dhar Road, Indore (MP).	No.50	26/12/2024	25/12/2026	For 2 years
3	"Kesar Gold Brand" FE-500/FE-500D Grade TMT.	Kesar Alloys & Metals Pvt.Ltd., Plot No.117-118, Sector-3, Industrial Area, Pathampur, Dist.Dhar-454 774 (MP).	No.51	26/12/2024	25/12/2026	For 2 years
4	Fly Ash Bricks, Pavers Blocks, Grass Pavers, Hollow Blocks & Bricks, Cover Blocks.	Kesar Ispat Ltd., Plot No.619-621, 609&609A, Sector-3, Industrial Area, Pathampur, Dist.Dhar-454 774(MP).	No.52	26/12/2024	25/12/2026	For 2 years
5	tree plantation, landscaping, horticulture & gardening.	2 DAM Totalique Projects Pvt.Ltd., 2/56, Raje Raghuiji Nagar, Nagpur-440024.	No.53	26/12/2024	25/12/2026	For 2 years
6	ET Brand 8 mm to 40 mm of Grades Fe 500, Fe 500 D, CRS 500, CRS 500 D, Fe 550 & Fe 550 D, Epoxy and Cut & Bend.	Electrotherm (India) Ltd. Steel Divison, Survey No.325, Near Toll Naka, Village, Samakhiyali, Taluka-Bhachau-370 150, Dist.Kutch, Gujarat.	No.54	26/12/2024	25/12/2026	For 2 years
7	Global Brand ISI Products Aluminium, Mild Steel, Stainless steel, Door & Window fittings & Brass (Tower bolt, Aldrop, Handle, Hinge, Mortise Handle Lock set & Door Closer) .	Aluminium Udyog, HR-10, Street No.10, Anand Parbat, Industrial Area, New Delhi-110005.	No.55	26/12/2024	25/12/2026	For 2 years
8	Building & Road materials Testing.	Earth Material & Engineering Solution Laboratry, House No.4, vidhya Sagar Dham, Khejda Road, Naholi, Bhanpur, Bhopal (MP).	No.56	26/12/2024	25/12/2026	For 2 years
9	Building, Road Materials & Electrical Testing.	Awadhiya Consultancy & Testing Laboratory Pvt.Ltd. N.H.39, Satna Rewa Road, Rampur Baghelan, Satna, (MP).	No.57	26/12/2024	25/12/2026	For 2 years
10	Wonder Cement OPC-43 & 53 Grade (IS:269-2015) and PPC (IS:1489 Part1-2015).	Wonder Cement Ltd, RK Nagar, Nimbaera-312601, Dist-Chittorgarh, Rajasthan, India.	No.58	26/12/2024	25/12/2026	For 2 years
11	IS:1786 Amba Shakti SD TMT 8 MM to 32 MM Grade Fe 415, Fe 500, Fe 550 & Fe 500D and Fe 550D.	Amba Shakti Udyog Ltd., Plot No.44 & 47, A.B.Road, Industrial Area, Banmore, Distt.Morena (MP) 476444.	No.59	26/12/2024	25/12/2026	For 2 years
12	Kerovit Brand Sanitaryware, Faucets(CP fittings), Bathroom Accessories & Bathroom furnitures.	Kajaria Bathware Pvt.Ltd., J1/B1, Mohan Co-op Industrial Estate, (Opp.Badarpur Thermal Power Station), Mathura Rad, New Delhi-110044.	No.60	26/12/2024	25/12/2026	For 2 years
13	Vega Modular, Decora Premium Modular, Legend Modular, Eco Series, Eco PC Series, Door Bells, Spike Guards, flex boxes, MCBs and RCCBs, Distrbuion Boards, LED Lightings and accessorels.	Western Modular Switches Pvt.Ltd. 108, Kushal Mangal Industrial Estate, Sativali, Vasai(E),401208, Dist.Palghar	No.61	26/12/2024	25/12/2026	For 2 years

14	Outdoor Gym Equipments and Garden Play Equipments. The firm has ISO Certified.	K R Infra Projects, 18, Shanti Vihar, Indore-452016.	No.62	26/12/2024	25/12/2026	For 2 years
15	AMC Brand Stainless Steel Kitchen Sinks, Stainless Steel Wash Basin, Urinals & Lavatory (Orrisa) Pan.	Jai Sambhav Industries, Block-O-191-192 Sector-1, Bawana Industrial Area, Delhi-110039.	No.63	26/12/2024	25/12/2026	For 2 years
16	Dolphin Brand CPVC Pipes & Fittings, UPVC Pipes & Fittings, RPVC Pipes & Fittings, SWR Pipe & Fittings and Column Pipe.	Dolphin Polyplast Pvt.Ltd., Unit-2 Survey No-51, Plot o.1&2, Kirasra-Sarpdad Road Opp.Nilkanth Paper Mill,Ta.Padhari, Dist.Rajkot, Nani Amreli-360110(Gujarat).	No.64	26/12/2024	25/12/2026	For 2 years
17	Flowtek Brand Cpvc and SWR Pipe & Fittings.	Pushp Global Company, Plot No.147, Phase-V, Sector-56 HSIIDC Industrial Estate, Kundli-Sonipat-131028(Haryana).	No.65	26/12/2024	25/12/2026	For 2 years
18	GOEL TMT 8mm to 40mm diameters in grades Fe-500, Fe-500D, Fe-550, Fe550D, Fe-600, CRS &"GOEL PIPES".	Shri Bajrang Power & Ispat Ltd., Kh.No.2/3, Vill.Gondwara, Urla Industrial Complex, Raipur 493221(C.G).	No.66	26/12/2024	25/12/2026	For 2 years
19	Brand Mudra TMT fe-550D-CRS (8mm to 32mm).	Mudra Steel Industries P.Ltd. Plot No.418/419, 406-408, Pithampur Sector-3, Near Indorama Temple Dhar, 454774-M.P.	No.67	26/12/2024	25/12/2026	For 2 years
20	MOIRA Brand" ERW black pipes, MS pipes, Hollow section pipes & door frames.	Jaideep Steel works India Pvt.Ltd., 103, Laxmi Tower, 576, M.G.Road, Indore (MP).	No.68	26/12/2024	25/12/2026	For 2 years
21	"MOIRA Brand" TMT Bars (IS: 1786:2008).	JAIDEEP ISPAT & ALLOYS PVT.LTD, 808-A, 808-B, 808D, 808E &808-F Sector-III, Steel Zone, Industrial Area, Pithampur, Dist., Dhar (M.P.).	No.69	26/12/2024	25/12/2026	For 2 years
22	Mycem & Zuari Cement.	Heidelberg Cements India Ltd., 2nd Floor, Plot No.68, Sector-44, Gurugram, Haryana-122002 (India).	No.70	26/12/2024	25/12/2026	For 2 years
23	PAINTS-Interior/ Exterior Emulsions, Construction Chemicals, Waterproofing Chemicals & Wall Putty.	Gujrat Paints Industries, Gat No.47/1,Umale Nashirashad Road, Umale,Taluka Dist.Jalgaon-425003 (MS).	No.71	26/12/2024	25/12/2026	For 2 years
24	"SKY TMT Bars" Grades Fe 550 and Fe 550D Size 8mm up to 32 mm.	Sky Alloys and Power Ltd. "SKY House" 16, Recreation Road, Choubey Colony, Raipur(CG)-492001. Works: Kharsia, Tah-Kharsia, Temtema, Raigarh (CG)-496661.	No.72	26/12/2024	25/12/2026	For 2 years
25	Roopam TMT 8mm to 32 mm diameters in grades Fe 415, Fe-500, Fe-500D, Fe-550, Fe550D.	Bindra Steel Pvt. Ltd., Plot No.C-53, Addl.MIDC Area, Behind DIC Office, Jalna-431203(India).	No.73	26/12/2024	25/12/2026	For 2 years
26	"Kaka Brand" Solid Panel, PVC Doors, Frames, Hollow PVC Doors & Doors Frames, UPVC Windows, UPVC Frames & UPVC Doors, WPC Doors & Frames, WPC Boards/Sheets, WPC Jali, PVC False Ceiling, PVC Wall Paneling, PVC Kitchen Cabinete, PVC Cupboards & UPVC Roofing Sheets.	Kaka Industries Ltd., 67, Bhagawati Nagar, Opp.Nilkanth Arcade, Nr.Kathawada G.I.D.C. Khuha-Kanbha Road, Ahmedabad-382415.	No.74	26/12/2024	25/12/2026	For 2 years

27	Wall Paints, Interior and Exterior Texture Paints, Primer, Tile adhesive and Putty.	WallTak Paint Pvt.Ltd., Flat No.1203, E-Wing, Royal Classic, Andheri Link Road, Andheri (West), Mumbai-400058.	No.75	26/12/2024	25/12/2026	For 2 years
28	Building & Road materials Testing.	Rajnandani Enterprise and Consultancy, 286 Anil Bhatiya avasiya parishar, Shatabdipuram, Gwalior.	No.76	26/12/2024	25/12/2026	For 2 years
29	tele MEP, aqua MEP Brand DWC HDPE Pipe and electrical conduit.	Mohindra Eco Pipes, Barsola Road, Khatkar, Jind, Haryana-126115, India.	No.77	26/12/2024	25/12/2026	For 2 years
30	"SCL CORA Brand" uPVC Door & Windows with 60 mm/50 mm series.	Shani Corporation Ltd., D-42, E-42 & 43, Gopalpur Industrial Area, Sikandrabad, Bulandshahr, Uttar Pradesh-203205.	No.78	26/12/2024	25/12/2026	For 2 years
31	office furniture & Modular furniture.	Durian Industries Ltd., 65 PU 4 Behind C21 Mall, AB Road, Indore-452010.	No.79	26/12/2024	25/12/2026	For 2 years
32	Prime Gold Brand TMT 8mm to 32 mm diameters in grades Fe-500, Fe-500D & Fe550D.	Prime Gold Sail JVC. Ltd., 5/2, Punjabi Bagh Extn., Club Road. New Delhi.110026.	No.80	26/12/2024	25/12/2026	For 2 years
33	TMT Bars size 8mm to 32 mm in grades Fe-500, 500D & 550.	Rajuri Steels & TMT Bars Pvt.Ltd., Plot No.F-16/17, phase-II, Additional M.I.D.C. Jalna. (MH) India.	No.81	26/12/2024	25/12/2026	For 2 years
34	Sunheartr Ceramiks Brand Fullbody Vitrified slab tiles 15 MM, Unglazed Vitrified tiles, Glazed Vitrified tiles, Porcelain tiles, Ceramic floor tiles & Ceramic wall tiles.	Sunshine Tiles Co.Pvt.Ltd., S.No.150 & 160/P1, B/h, Sunhill Ceramics Pvt.Ltd.8-A, National Highway, At.Dhuva.Tel-Wankner, Dist Morbi Gujrat 363621 India	No.82	26/12/2024	25/12/2026	For 2 years
35	VIVA Brand Aluminium composite panel/Aluminium high pressure laminate, aluminium corrugated core panel, zinc composite panel- el Zinc, aluminium honey comb panel & solid aluminium sheet.	Viva composite Panel (P) Ltd., A 601, Times Square, Andheri(East), Mumbai, Maharashtra-400059.	No.83	26/12/2024	25/12/2026	For 2 years
36	"Elegant Steel" Grade 550D Tmt Bars.	Shakambhari Ispat & Power Ltd., Diamond Prestige, 41 A, A.J.C. Bose Road, 8 th floor # 801, Kolkata-700017.	No.84	26/12/2024	25/12/2026	For 2 years
37	JSW One TMT Brand 8mm to 32 mm diameters in grades Fe-550 & Fe550D.	JSW One Distribution Ltd. 6 th floor, JSW Center, Bandra Kurla Complex, Bandra (East), Mumbai 400051 Maharashtra, India.	No.85	26/12/2024	25/12/2026	For 2 years
38	Multiproof Putty.	Multiproof Industries Pvt. Ltd. Plot No.42/238, Maheshwari Complex, 1 st Floor, Company Bagh, 485001-Satna, Madhya Pradesh,	No.86	26/12/2024	25/12/2026	For 2 years
39	Ceramics Tile, Vitrified Tile/full Body Vitrified, PGVT/GVT Vitrified Tile, Rectified and Un Rectified & antiskid tile, Tactile & Double Charge Tiles.	Pavit Ceramics Pvt. Ltd. 303 Campas Coorner-II, Near Prahlad Nagar Garden, Satalifte-Ahmedabad, Gujrat-380015.	No.87	26/12/2024	25/12/2026	For 2 years
40	high-quality Transformers.	SD Enterprises, 29 Shri Krishna Vihar, Akeda Dunger Vki Area Road No.18, Jaipur-302013.	No.88	26/12/2024	25/12/2026	For 2 years

41	Brand Name Hero-Fire"fire rated glass.	Fire View glass Solution Pvt.Ltd., Kailas Business Park, B Wing-20th Floor, 2002-2003, Park Site Rd.HMPL Surya Nagar, Vikhroli West, Mumbai-400079, India.	No.89	26/12/2024	25/12/2026	For 2 years
42	Impression Brand Ergonomic deluxe office furniture& systems including premium revolving chairs, executive table, ERU, Steel Almirah, cabinet, widely institutional furniture, Hospital & hotel furniture & Metal Door.	Impression furniture Industries Pvt.Ltd, 28/A, G-Sector, J.K.Road, Govindpura, Bhopal-462023(MP).	No.90	26/12/2024	25/12/2026	For 2 years
43	Design Plus Brand furniture & Visual Acoustre - wall panelling, false ceiling & flooring.	Home Decor, 207, 1st Floor, Zone- 1, M.P.Nagar, Beside Hotel The Residency, Bhopal-462011.	No.91	26/12/2024	25/12/2026	For 2 years
44	Electrical Power, Distribution and CSS (Compact Sub-station) Type Transformer (Range up to 30 MVA-132 KV Class).	Hadron Power Transmission Pvt.Ltd. Survey No.76/4, Bardari Industrial Area, Dist.Indore- 453111(MP).	No.92	26/12/2024	25/12/2026	For 2 years
45	Fals Ceiling (Metal/Mineral fibre/Calcium Silicate/GRG Ceiling/Baffle Ceiling), Acoustic Wall Paneling & Teracotta Tile, Wall & Corner Protection.	Anakon India, 31-B, 5th Floor, Motia'Z Royal Business Park, Zikarpur, Punjab-140603.	No.93	26/12/2024	25/12/2026	For 2 years
46	"Indian Fire" Fire Check doors (Metal/Wood/ Glaxed).	Indian Fire Equipment Systems, Plot No.34& 35, 2nd Floor, Part of Plot No.152-B, L-Block, New Arya Samaj Road, Behind MTNL Exchange, (Near Metro Pillar No.680) Uttam Nagar, New Delhi-110059.	No.94	26/12/2024	25/12/2026	For 2 years
47	Birla Opus Brand Exterior/ Interior Emulsion, Water thinnable wall primer, wood finishes, Solvent thinnable wall primer, Enamel (premium gloss solvent coating), Acrylic Distemper, Textures and waterproofing-liquid applied Acrylic/Elastomeric PU Coatings & Cementitious Coatings.	M/s Grasim Industries Limited, Aditya Birla Center 'A' wing, 2nd Floor, S.K.Ahire Marg, Worli Mumbai 400030, India.	No.95	26/12/2024	25/12/2026	For 2 years
48	AGL Brand all Cp Fittings (Faucets/Shower/Accessories/Allied items) and all Sanitaryware category.	AGL Sanitaryware Pvt. Ltd., 202, Dev Arc, Opp. Iskcon Temple, S.G.Highway, Ahmedabad-380015 Gujarat (India).	No.96	26/12/2024	25/12/2026	For 2 years
49	Yoddha AAC Block, Yoddha Wall Putty, Yoddha Fly ash Brick, Yoddha RMC, Yoddha Block Jointing Mortar, Yoddha Tiles adhesives type 1, 2, 3, 4.	Jabalpur Cement Industries Pvt. Ltd. Brand Name Yoddha, Jogidhana Jabalpur (M.P.) 482051.	No.97	26/12/2024	25/12/2026	For 2 years
50	"Kaydour" Brand Wires, Cables, MCB & RCCB, DB BOX and Accessories.	Sabura Impex Pvt.Ltd., 519/1/11, Shahdara Industrial Area, (Sansar Machine Compound) G.T.Road, Shahdara, Delhi-110095.	No.98	26/12/2024	25/12/2026	For 2 years
51	GRC Product.	Aayushi Creation, 16/1 Industrial Area, Govindpura Bhopal-462023, 71ashokgupta@gmail.com.	No.99	26/12/2024	25/12/2026	For 2 years



(S.K.Suman)

Addl. Housing Commissioner
M.P.H.&I. Dev. Board, Bhopal.



म.प्र.गृह निर्माण एवं अधोसंरचना विकास मण्डल
पर्यावास भवन, भोपाल

//परिपत्र क्रमांक 66 दिनांक 17-9-18//

विषय- निविदा प्रपत्र अपेण्डिक्स 2.1 की जनरल कंडीशन्स ऑफ कॉन्ट्रैक्ट के क्लॉज 14.1, 14.2 एवं 14.3 को विलोपित कर नवीन क्लॉज प्रतिस्थापित करने बाबत।

सन्दर्भ-सचिव, म.प्र. शासन लोक निर्माण विभाग मंत्रालय का आदेश क्रमांक-एफ-53-55-2018-19-यो-1154, भोपाल दिनांक 23.3.2018

संदर्भित विषयान्तर्गत सन्दर्भित आदेश के निर्देश के अनुक्रम में मण्डल में शासन के भौति लागू निविदा प्रपत्र अपेण्डिक्स 2.1 की जनरल कंडीशन्स ऑफ कॉन्ट्रैक्ट के वर्तमान क्लॉज 14.1, 14.2 एवं 14.3 को विलोपित करते निम्नानुसार नवीन क्लॉज प्रतिस्थापित किये जाते हैं। चूंकि मण्डल में प्राईज एडजस्टमेंट की धारा का प्रावधान नहीं है, अतः संदर्भित परिपत्र के बिन्दु क्रमांक-2 में कण्डिका क्रमांक-31 प्राईज एडजस्टमेंट की धारा को विलोपित समझा जाये। यह परिपत्र जारी होने की दिनांक से लागू किया जाता है।

S.No.	Clause No.	Existing Provision	Clause No.	Proposed Provision
1	2	3	4	5
1	14.1	If the contractor desires an extension of time for completion of the work on the ground of his having been unavoidably hindered in its execution or on any other grounds he shall apply in writing to the Engineer-in-Charge on account of which he desires such extension. Engineer-in-Charge shall forward the aforesaid application to the Competent Authority as prescribed.	14.1	The contract is for completion of works and therefore non approval of EOT shall not in any way invalidate the contract. The contractor will have to complete the works.
	14.2	The Competent authority shall grant such extension at each such occasion within a period of 30 days of receipt of application from contractor and shall not wait for finality of work. Such extension shall be granted in accordance with provisions under clause-15 of this agreement.	14.2	In the event of delays attributable to the contractor the EOT shall no be given by the Engineer-in-Charge and the Liquidated Damages shall be levied from the contractor in accordance with the provisions of the contract.
	14.3	In case the work is already in progress the contractor shall proceed with the execution of the works including maintenance thereof pending receipt of the decision of the competent authority as aforesaid with all due diligence.	14.3	in the event, the delays are not attributable to the contractor the EOT may be issued by the Engineer-in-Charge without imposition of Liquidated damages either suo-motto or on a written request of the contractor. It is clarified that out of the total delays in completion of works, the EOT shall be issued only for the part which is not attributable to the contractor.

अपर आयुक्त (I)
म.प्र. गृह निर्माण एवं अधोसंरचना
विकास मण्डल, भोपाल



मध्यप्रदेश गृह निर्माण एवं अधोसंरचना विकास मण्डल

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परिपत्र क्रमांक- 05 दिनांक- 03/09/2020

विषय-निर्माण कार्यों में प्रयुक्त की जाने वाली निर्माण सामग्री की टेस्टिंग तृतीय पक्ष द्वारा कराये जाने के सम्बन्ध में।

म.प्र. गृह निर्माण एवं अधोसंरचना विकास मण्डल द्वारा प्रदेश में आवासीय योजनाओं, निक्षेप कार्यों एवं पुनर्धनत्वीकरण कार्यों का क्रियान्वयन किया जा रहा है। कार्यों की गुणवत्ता बनाये रखने की दिशा में यह निर्देशित किया जाता है कि निर्माण कार्यों में प्रयुक्त की जाने वाली निर्माण सामग्री की गुणवत्ता की जाँच क्षेत्र में उपलब्ध शासकीय तकनीकी महाविद्यालय एवं N.A.B.L. अनुमोदित निजी टेस्टिंग लेब के माध्यम से निर्धारित अंतराल तथा सामग्री का लॉट (Lot) बदलने की स्थिति में कराया जाना सुनिश्चित करें। निर्माण स्थल पर टेस्टिंग की प्रक्रिया अनुबन्धानुसार यथावत् रहेगी। यह भी निर्देशित किया जाता है कि टेस्टिंग परिणाम का संधारण पृथक-पृथक किया जावे। शासकीय लेब अथवा निजी लेब द्वारा टेस्टिंग किये जाने का व्यय निविदाकार द्वारा वहन किया जावेगा। इस परिपत्र को **Special conditions** के माध्यम से निविदा प्रपत्र में सम्मिलित किया जावे।

निर्माण सामग्री की गुणवत्ता सुनिश्चित किये जाने हेतु उपरोक्त निर्देशों का कड़ाई से पालन सुनिश्चित करें तथा वरिष्ठ अधिकारियों के निरीक्षण के समय उपरोक्तानुसार संधारित रिकार्ड कार्यस्थल पर उपलब्ध कराया जाना भी सुनिश्चित करें।

03/09/2020
आयुक्त

म.प्र. गृह निर्माण एवं अधोसंरचना
विकास मण्डल, भोपाल

निरन्तर-2

सं.प्र.गृह निर्माण एवं अधोसंरचना विकास मण्डल

मुख्यालय, पर्यावास भवन, भोपाल

:: परिपत्र :: क्रमांक 82 दिनांक 21/09/2022

विषय:- निविदा प्रपत्रों में शासन के भौति कण्डिकाओं में संशोधन किये जाने बाबत।

मण्डल में प्रचलित कण्डिका जी.सी.सी.कॉन्ट्रैक्ट डाटा-18 एवं पी.ए.सी. राशि के आधार पर बी.ओ.क्यू. आयटमों का निविदा दर में हो रही विसंगति बाबत तकनीकी समिति द्वारा लिये गये निर्णय निम्नानुसार है जो परिपत्र जारी होने की दिनांक से लागू होगा।

क	कण्डिका	कण्डिका विवरण	मण्डल में प्रचलित नियम	संशोधित नियम
1	जी.सी.सी. कॉन्ट्रैक्ट डाटा-18	परफारमेंस गारण्टी पीरियड (डिफेक्ट लायबिलिटी पीरियड)	अ. विकास कार्य हेतु कार्य पूर्णता उपरान्त 18 माह + 3 माह ब. निर्माण कार्य हेतु कार्य पूर्णता उपरान्त 5 वर्ष + 3 माह नोट:-वर्तमान में पी.डब्ल्यू.डी. में उपरोक्तानुसार डिफेक्ट लायबिलिटी पीरियड लागू है।	अ. विकास कार्य हेतु कार्य पूर्णता उपरान्त 18 माह + 3 माह (बैंक गारण्टी के रूप में) ब. निर्माण कार्य हेतु कार्य पूर्णता उपरान्त 5 वर्ष + 3 माह (बैंक गारण्टी के रूप में)
2	-	पी.ए.सी. राशि के आधार पर बी.ओ. क्यू. आयटमों का निविदा दर अनुसार भुगतान	अ. वर्तमान में प्राप्त निविदा दर अनुसार बी.ओ.क्यू. आयटमों की दरों को आधार मानकर भुगतान किया जाता है, न कि आंकलित पी.ए.सी. राशि की गणना/दर के आधार पर।	अ. बी.ओ.क्यू. दरों के आधार पर भुगतान किया जाना। (आगामी निविदाओं पर लागू होगा)

नोट:- उदाहरण स्वरूप यदि किसी निविदा की बी.ओ.क्यू. आयटमों की दरों के आधार पर लागत राशि रूपये 10.00 लाख है एवं 5 प्रतिशत कम आंकलित कर पी.ए.सी. राशि निकाली जाती है तथा यदि निविदाकार 10 प्रतिशत कम दर प्रस्तुत करता है, तो निविदाकार को भुगतान बी.ओ.क्यू. दरों के आधार पर 10 प्रतिशत कम कर भुगतान किया जायेगा, न कि पी.ए.सी. आधार पर 15 प्रतिशत। इस तथ्य का उल्लेख निविदा आमंत्रण में करना आवश्यक होगा।

(एस.के.मेहर)

अपर आयुक्त

म.प्र.गृ.नि.एवं अधो.वि.नं.भोपाल.

भोपाल, दिनांक 21/09/2022

क्रमांक-762/तक. शाखा-1/2022

प्रतिलिपि:-

- (1) निज सचिव, मान. अध्यक्ष/निज सचिव, आयुक्त, म.प्र. गृह निर्माण एवं अधो. विकास मण्डल, भोपाल।
- (2) समन्वयक अधिकारी/विशेष कर्तव्यस्थ अधिकारी, मान. अध्यक्ष, म.प्र.गृ.नि. एवं अधो.वि. मण्डल, भोपाल।
- (3) अपर आयुक्त (I/II/III) म.प्र. गृह निर्माण एवं अधोसंरचना विकास मण्डल, भोपाल।
- (4) वित्तीय सलाहकार सह मुख्य लेखा अधिकारी/मुख्य प्रशासनिक अधिकारी/मुख्य अंकेक्षण अधिकारी/मुख्य वास्तुविद/मुख्य सर्तकता अधिकारी एवं विधि सलाहकार/भू-प्रबंधन अधिकारी/मुख्य सम्पदा अधिकारी, म.प्र. गृह निर्माण एवं अधोसंरचना विकास मण्डल, भोपाल।
- (5) उपायुक्त, म.प्र.गृ.नि. एवं अधो.वि. मण्डल, वृत्त-1/2/विद्युत वृत्त भोपाल/सागर/ग्वालियर/इन्दौर/जबलपुर/रीवा/उज्जैन की ओर सूचनार्थ एवं आवश्यक कार्यवाही हेतु प्रेषित।
- (6) कार्यपालन यंत्री, म.प्र. गृह निर्माण एवं अधोसंरचना विकास मण्डल, संभाग-1, 2, 3, 4, 5, 6 विद्युत, भोपाल/होशंगाबाद/रीवा/सतना/सिंगरौली/शहडोल/संभाग-1, 2, विद्युत इंदौर/खण्डवा/धार/संभाग.1, 2, विद्युत जबलपुर/कटनी/बालाघाट/छिन्दवाड़ा/संभाग-1, 2, विद्युत, ग्वालियर/ गुना/मुरैना/ सागर/दमोह/छतरपुर/उज्जैन/रतलाम।
- (7) मुख्य आई.टी.अधिकारी, म.प्र.गृ.नि. एवं अधो.वि. मण्डल मुख्यालय भोपाल - कृपया वेबसाईड पर परिपत्र अपलोड हेतु एवं e-mail से उपायुक्तों/कार्यपालन यंत्रियों को सूचित करने का कष्ट करें।

अपर आयुक्त

म.प्र. गृह निर्माण एवं अधोसंरचना
विकास मण्डल, भोपाल

mail All DMC & All EC

म.प्र.गृह निर्माण एवं अधोसंरचना विकास मण्डल
मुख्यालय, पर्यावास भवन, भोपाल

:: परिपत्र :: क्रमांक 83 दिनांक 23/09/2022

विषय:-निविदा प्रपत्रों में शासन के भौतिक कण्डिकाओं में संशोधन किये जाने बाबत।

उप सचिव म.प्र. शासन नगरीय विकास एवं आवास विभाग म.प्र. भोपाल द्वारा आदेश क्रमांक-एफ-10-17/2020/18-2 भोपाल, दिनांक 25.8.2022 द्वारा एम.पी. पी.डब्ल्यू.डी. विभाग में प्रचलित/संशोधन अनुसार निर्देशों का पालन करने हेतु निर्देशित किया गया है। दिनांक 19.9.2022 को सम्पन्न तकनीकी समिति की बैठक में मण्डल के दृष्टिगत मण्डल में वर्तमान में प्रचलित नियमों के स्थान पर निम्नांकित संशोधन किये जाने का निर्णय सर्व सम्मति से लिया गया है। यह परिपत्र जारी होने की दिनांक से लागू होगा। जिन निविदाओं का विज्ञापन प्रकाशन किया जा चुका है, उनमें आवश्यक संशोधन हेतु कॉरिडोरम जारी कर सकते हैं। किन्तु जिन निविदाओं के प्रपत्र ए, बी एवं सी ओपन कर लिये गये हैं, उनके लिये यह प्रपत्र लागू नहीं होगा।

क्र	कण्डिका	कण्डिका विवरण	मण्डल में प्रचलित नियम	संशोधित नियम
ए 1	आई.टी. बी.बिड डाटाशीट -22	परफारमेंस सिक्यूरिटी एवं अतिरिक्त परफारमेंस सिक्यूरिटी	कॉन्ट्रैक्ट राशि का 5 प्रतिशत निक्षेप कार्य हेतु तथा मण्डल के आवासीय/अटल/पुनर्घनत्विकरण के लिये 6 प्रतिशत। अतिरिक्त परफारमेंस राशि 15 प्रतिशत कम निविदा दरें प्राप्त होने पर प्राप्त निविदा दर अनुसार निविदा दर एवं 15 प्रतिशत के अन्तर की राशि निविदा राशि के आधार पर।	कॉन्ट्रैक्ट राशि का 3 प्रतिशत सभी प्रकार के निर्माण कार्यों हेतु अतिरिक्त परफारमेंस राशि 10 प्रतिशत कम निविदा दरें प्राप्त होने पर प्राप्त निविदा दर अनुसार निविदा दर एवं 10 प्रतिशत के अन्तर की राशि निविदा राशि के आधार पर।
2	जी.सी. सी. कॉन्ट्रैक्ट डाटा-30	सुरक्षा राशि प्रत्येक रनिंग बिल से किये जाना। सुरक्षा राशि की अधिकतम सीमा।	अ. प्रत्येक रनिंग बिल के आधार पर 6 प्रतिशत कटौती कर जमा करना। उपरोक्तानुसार। किन्तु अंतिम देयक तक की कुल राशि का 6 प्रतिशत।	प्रत्येक रनिंग बिल के आधार पर 7 प्रतिशत कटौती कर जमा करना। उपरोक्तानुसार। किन्तु अंतिम देयक तक की कुल राशि का 7 प्रतिशत।
3	जी.सी. सी. कॉन्ट्रैक्ट डाटा-31	प्राईज एडजेस्टमेंट (प्राईज एक्सक्लेशन)	वर्तमान में मण्डल में लागू नहीं है।	वर्तमान में भी लागू नहीं किया जाना है।

आयुक्त के आदेशानुसार,

(एस.के.मेहर)
अपर आयुक्त

म.प्र.गृह निर्माण एवं अधोसंरचना
विकास मण्डल, मुख्यालय भोपाल

PROBABLE AMOUNT OF CONTRACT	
General Description of Work	Construction of Degree College at Basai Distt Datia (M.P.)
Probable amount of Contract (In Figure)	1025.73 Lacs
Probable amount of Contract (In Word)	TEN CRORE TWENTY FIVE LAKH SEVENTY THREE THOUSAND ONLY
Time Period	18 Months (Including Rainy Season)
PARTICULARS	AMOUNT IN RS.
Building Works	
Civil works	64030006
Internal S/F & W/S works	975681.00
Internal electrification works	5902948.00
Ro Water / Coolar Work	286825.00
Inverter Work	111519.00
Fire Fighting Work (Civil SOR)	827545.00
Fire Fighting Work (Elect. SOR)	1205547.00
CCTV Work	612218.00
AC Work	705085.00
Smart Class Room (01 Nos.)	1001977.00
TOTAL (A)	75659351
Development Works	
Construction of Boundary wall	14259423
Construction of Road	1001684
Construction of drain	492483
Construction of Septic Tank	465326
drilling of T.W.	225099.00
RainWater Harvesting	113674.00
Land Scapping	348406.00
TOTAL (B)	16906096
Furniture TOTAL (C)	10007532
TOTAL (A+B+C)	102572979.00
Say Rs.	1025.73 Lacs

Assistant Engineer
M.P. Housing & Inf.dev. Board
Sub Division Datia (M.P.)

Executive Engineer
M.P. Housing & Inf.dev. Board
Division 01 Gwalior (M.P.)

BOQ for Construction of Degree College at Basai Distt. Datia, (M.P.)

as Per PWD SOR, w.e.f. 01.01.2024

S. No	Description	Unit	Qty.	Rate	Amt.	Amt. in words
1	Clearing jungle including uprooting of rank vegetation, grass, brush wood, trees and saplings of girth up to 30 cm measured at a height of 1 m above ground level and removal of rubbish up to a distance of 50 m outside the periphery of the area cleared.					
	SOR I/2.2	100sqm	3250.00	414.00	13455	THIRTEEN THOUSAND FOUR HUNDRED FIFTY FIVE ONLY
2	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means over areas (exceeding 30cm in depth. 1.5m in width as well as 10 sqm on plan) including dressing of sides and ramming of bottom disposal of excavated earth, lead up to 50m and lift up to 1.5m, disposed earth to be levelled and neatly dressed. (No extra lift is payable if work is done by mechanical means) All kinds of soil					
	SOR I/2.6	cum	1673.27	147.00	245971	TWO LAKH FOURTY FIVE THOUSAND NINE HUNDRED SEVENTY PAISE SIXTY TWO ONLY

3	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means over areas (exceeding 30cm in depth. 1.5m in width as well as 10 sqm on plan) including dressing of sides and ramming of bottom disposal of excavated earth, lead up to 50m and lift up to 1.5m, disposed earth to be levelled and neatly dressed. (No extra lift is payable if work is done by mechanical means) Ordinary rock					
	SOR I/2.7.1	cum	308.41	287.00	88514	EIGHTY EIGHT THOUSAND FIVE HUNDRED FOURTEEN PAISE TWENTY FOUR ONLY
4	Extra for excavating trenches for pipes, cables etc. in all kinds of soil for depth exceeding 1.5 m, but not exceeding 3 m. (Rate is over corresponding basic item for depth up to 1.5 metre).					
	SOR I/2.10	rmt	308.41	196.98	60751	SIXTY THOUSAND SEVEN HUNDRED FIFTY ONE ONLY
5	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work upto plinth level : With 40mm nominal size graded stone aggregate . M-15 - Grade concrete					
	SOR I/4.1.2.1	cum	136.11	4403.00	599295	FIVE LAKH NINETY NINE THOUSAND TWO HUNDRED NINETY FOUR PAISE FIFTY THREE ONLY

6	Providing and laying in position specified grade of reinforced cement concrete (with 20mm nominal size graded stone aggregate) excluding the cost of centering, shuttering, finishing and reinforcement - All work up to plinth level . M-20 grade Concrete					
	SOR I/5.1.1	cum	929.7900	6153.00	5720998	FIFTY SEVEN LAKH TWENTY THOUSAND NINE HUNDRED NINETY SEVEN PAISE EIGHTY SEVEN ONLY
7	Reinforced cement concrete work (with 20 mm nominal size graded stone aggregate) in walls (any thickness), including attached pilasters, buttresses, plinth and string courses, fillets, columns, pillars, posts and struts etc. above plinth level and upto floor two level excluding cost of centering, shuttering, finishing and reinforcement: M-20 Grade Concrete					
	SOR I/5.2.1	cum	114.30	6231.00	712173	SEVEN LAKH TWELVE THOUSAND ONE HUNDRED SEVENTY THREE PAISE THIRTY NINE ONLY
8	Extra for R.C.C. work above floor two level for each floors or part thereof. (except items 5.26 and 5.29)					
	SOR I/5.2.1+5.31	cum	112.46	6293.31	707755	SEVEN LAKH SEVEN THOUSAND SEVEN HUNDRED FIFTY FOUR PAISE SEVENTY ONLY
9	Extra for R.C.C. work above floor two level for each floors or part thereof. (except items 5.26 and 5.29)					
	SOR I/5.2.1+5.31+5.31	cum	36.78	6353.24	233667	TWO LAKH THIRTY THREE THOUSAND SIX HUNDRED SIXTY

						SEVEN PAISE EIGHT ONLY
10	Reinforced cement concrete work (with 20 mm nominal size graded stone aggregate) in beams, suspended floors, roofs having slope of any degree landings, balconies, shelves, chajjas, lintels, bands, plain window sills, staircases and spiral staircases above plinth level and upto floor two level excluding the cost of centering, shuttering, finishing and reinforcement in concrete grade . M-20 Grade Concrete					
	SOR I/5.3.1	cum	428.94	6541.00	2805664	TWENTY EIGHT LAKH FIVE THOUSAND SIX HUNDRED SIXTY THREE PAISE EIGHTY FOUR ONLY
11	Extra for R.C.C. work above floor two level for each floors or part thereof. (except items 5.26 and 5.29)					
	SOR I/5.3.1+5.31	cum	415.11	6606.41	2742379	TWENTY SEVEN LAKH FOURTY TWO THOUSAND THREE HUNDRED SEVENTY EIGHT PAISE SEVENTY SIX ONLY
12	Extra for R.C.C. work above floor two level for each floors or part thereof. (except items 5.26 and 5.29)					
	SOR I/5.3.1+5.3.1+5.31+5.31	cum	61.37	6737.23	413482	FOUR LAKH THIRTEEN THOUSAND FOUR HUNDRED EIGHTY TWO PAISE THIRTY THREE ONLY

13	Reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding including cost of binding wire all wastages and overlaps, couplers (overlaps shall be provided as per requirement of IS 13920 for ductile detailing IS 456 RCC Design & SP 34 Reinforcement detailing) etc. complete . (Note:- 1. Spacer bars (chairs) shall be paid separately as shown in the drawing and as per direction of engineer in charge. 2. No extra payment shall be done for overlaps and/or couplers. 3. Couplers shall be conforming to IS code on “Reinforcement Couplers for Mechanical Splices of Bars for Concrete Reinforcement - Specification”) . Thermo-Mechanically Treated bars. (TMT/TMX) FE 500 or more conforming to IS 1786					
	SOR I/5.16.6	kg	251850.00	80.00	20148000	TWO CRORE ONE LAKH FOURTY EIGHT THOUSAND ONLY
14	Add extra for providing reinforcement above Floor two level for every additional floor or part thereof.					
	SOR I/5.17	kg	63308.43	0.20	12662	TWELVE THOUSAND SIX HUNDRED SIXTY ONE PAISE SIXTY NINE ONLY
15	Add extra for providing reinforcement above Floor two level for every additional floor or part thereof.					
	SOR I/5.17	kg	5620.80	0.40	2248	TWO THOUSAND TWO HUNDRED FOURTY EIGHT PAISE THIRTY TWO ONLY

16	Centering and shuttering in cluding strutting, propping etc. and removal of form for: Foundations, footings, bases of columns, etc. for concrete upto plinth level					
	SOR I/5.9.1	sqm	808.22	190.60	154047	ONE LAKH FIFTY FOUR THOUSAND FOURTY SIX PAISE SEVENTY THREE ONLY
17	Centering and shuttering in cluding strutting, propping etc. and removal of form for: Walls (any thickness) in cluding attached pilasters butteresses, plinth beams and string courses etc. Uptoplinthlevel.					
	SOR I/5.9.2.1	sqm	1379.33	219.00	302072	THREE LAKH TWO THOUSAND SEVENTY TWO PAISE EIGHTEEN ONLY
18	Centering and shuttering in cluding strutting, propping etc. and removal of form for: Columns, P i l l a r s , Piers, Abutments, Posts and Struts.					
	SOR I/5.9.6	sqm	2947.46	471.20	1388845	THIRTEEN LAKH EIGHTY EIGHT THOUSAND EIGHT HUNDRED FOURTY FIVE PAISE FOUR ONLY
19	Centering and shuttering in cluding strutting, propping etc. and removal of form for: Columns, P i l l a r s , Piers, Abutments, Posts and Struts. Extra for shuttering in circular work or any other geometrical shape (20% of respective centering and shuttering items).					
	SOR I/5.9.15	sqm	62.17	94.24	5859	FIVE THOUSAND EIGHT HUNDRED FIFTY NINE PAISE NINE ONLY
20	Centering and shuttering in cluding strutting, propping etc. and removal of form for: Lintels, beams, girders, bressumers and cantilevers .					
	SOR I/5.9.5	sqm	2912.67	356.00	1036911	TEN LAKH THIRTY SIX THOUSAND NINE HUNDRED TEN PAISE FIFTY

						TWO ONLY
21	Centering and shuttering in cluding strutting, propping etc. and removal of form for: Suspended floors, roofs, landings, balconies and access platform.					
	SOR I/5.9.3	sqm	4118.03	439.60	1810284	EIGHTEEN LAKH TEN THOUSAND TWO HUNDRED EIGHTY FOUR PAISE FOURTY FIVE ONLY
22	Extra for additional height in centering, shuttering where ever required with adequate bracing, propping etc. including cost of de-shuttering and decentering at all levels, over a height of 3.6 m, for every additional height of 1 metre or part thereof (Plan area to be measured) Suspended floors, roofs, landing, beams and balconies (Plan area to be measured).					
	SOR I/5.10.1	sqm	978.69	212.00	207482	TWO LAKH SEVEN THOUSAND FOUR HUNDRED EIGHTY ONE PAISE FIFTY EIGHT ONLY
23	Centering and shuttering in cluding strutting, propping etc. and removal of form for:Stairs, (excluding landings) except spiral- Staircases.					
	SOR I/5.9.7	sqm	326.76	435.70	142369	ONE LAKH FOURTY TWO THOUSAND THREE HUNDRED SIXTY NINE PAISE THIRTY THREE ONLY
24	Brick work with fly ash lime bricks (FALG Bricks) conforming to IS:12894-2002, in super structure above plinth level up to floor two level in : Having 50 kg / cm ² average compressive strength. Cement mortar 1:6 (1 cement : 6 sand)					
	SOR I/6.7.3.2	cum	928.15	4936.00	4581348	FOURTY FIVE LAKH EIGHTY ONE THOUSAND THREE HUNDRED

						FOURTY EIGHT PAISE FOURTY ONLY
25	Extra for brick work in superstructure above floor two levels for each additional floor or part thereof respective item					
	SOR I/6.11	cum	360.16	98.72	35555	THIRTY FIVE THOUSAND FIVE HUNDRED FIFTY FOUR PAISE SIXTY ONLY
26	Extra for brick work in superstructure above floor two levels for each additional floor or part thereof respective item					
	SOR I/6.11	cum	146.39	197.44	28902	TWENTY EIGHT THOUSAND NINE HUNDRED TWO PAISE TWENTY FIVE ONLY
27	Half brick masonry with fly ash lime Gypsum bricks (FALG bricks) conforming to IS: 12894, in super structure above plinth and upto floor two level. Having 50 kg/cm ² average compressive strength. Cement mortar 1 : 4 (1 cement : 4 sand)					
	SOR I/6.15.3.2	sqm	225.85	459.00	103666	ONE LAKH THREE THOUSAND SIX HUNDRED SIXTY SIX PAISE THIRTY ONLY
28	Extra for half brick masonry in superstructure, above floor two level for every floor or part thereof respective item.					
	SOR I/6.16	sqm	86.25	11.00	949	NINE HUNDRED FOURTY EIGHT PAISE SEVENTY TWO ONLY
29	Extra for providing and placing in position 2 Nos. 8mm dia. M.S. bars at every third course of in half brick masonry.					
	SOR I/6.17	sqm	225.85	127.00	28683	TWENTY EIGHT THOUSAND SIX HUNDRED EIGHTY THREE PAISE TWENTY SEVEN ONLY

30	Filling available excavated earth (excluding hard rock/Ordinary rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20cm in depth, consolidating each deposited layer by ramming and watering, lead up to 50 m and lift upto 1.5 m.					
	SOR I/2.24	cum	1354.89	95.00	128715	ONE LAKH TWENTY EIGHT THOUSAND SEVEN HUNDRED FOURTEEN PAISE FIFTY FIVE ONLY
31	Supplying and filling in plinth under floors including watering ramming consolidating in layers not exceeding 20cm in depth and dressing complete. With hard muram having CBR >12 % at under floors including watering, ramming and compacting (minimum compaction 95% of MDD) in layers not exceeding 20cm in thickness and dressing complete. (Note:- maximum thickness of this layer to be provided shall be 30cm)					
	SOR I/2.27.1	cum	2040.99	393.00	802107	EIGHT LAKH TWO THOUSAND ONE HUNDRED SEVEN PAISE FIFTY ONLY
32	6 mm cement plaster of mix : 1:3 (1 cement : 3 sand)					
	SOR I/13.8	sqm	5466.45	144.00	787169	SEVEN LAKH EIGHTY SEVEN THOUSAND ONE HUNDRED SIXTY EIGHT PAISE FIFTY ONE ONLY
33	12 mm cement plaster of mix : 1:4 (1 cement : 4 sand)					
	SOR I/13.1.1	sqm	5436.82	173.00	940570	NINE LAKH FOURTY THOUSAND FIVE HUNDRED SEVENTY PAISE THIRTY EIGHT ONLY
34	15 mm cement plaster on the rough side of single or half brick wall of mix .1:4 (1 cement :4 sand)					

	SOR I/13.2.1	sqm	4792.51	184.00	881822	EIGHT LAKH EIGHTY ONE THOUSAND EIGHT HUNDRED TWENTY TWO PAISE THIRTY ONLY
35	Providing gola 75x75 mm in cement concrete 1:2:4 (1 cement : 2 sand : 4 stone aggregate 10mm and down grade) including finishing with cement mortar 1:3 (1 cement : 3 sand) as per standard design : In 75x75mm deep chase					
	SOR I/12.26	rmt	401.80	99.00	39778	THIRTY NINE THOUSAND SEVEN HUNDRED SEVENTY EIGHT PAISE TWENTY ONLY
36	Providing for plaster drip course/ groove in plastered surface or moulding to R.C.C. projections. Preparation of Drip course					
	SOR I/5.24.2	rmt	365.80	30.00	10974	TEN THOUSAND NINE HUNDRED SEVENTY FOUR ONLY
37	Grading roof for receiving water proofing treatment with Cement concrete 1:2:4 (1 cement : 2 sand : 4 graded stone aggregate 20 mm nominal size)					
	SOR I/22.14.1	cum	105.31	6569.00	691785	SIX LAKH NINETY ONE THOUSAND SEVEN HUNDRED EIGHTY FOUR PAISE SIXTY SEVEN ONLY

38	Providing and laying water proofing treatment on roofs of slabs by applying cement slurry mixed with water proofing cement compound consisting of applying : a) After surface preparation, first layer of slurry of cement @ 0.488 kg/sqm mixed with water proofing cement compound @ 0.253 kg/sqm. b) Laying second layer of Fibre glass cloth when the first layer is still green. Overlaps of joints of fibre cloth should not be less than 10 cm. c) Third layer of 1.5 mm thickness consisting of slurry of cement @ 1.289 kg/sqm mixed with water proofing cement compound @ 0.670 kg/sqm and sand @ 1.289 kg/sqm. This will be allowed to air cure for 4 hours followed by water curing for 48 hours. The entire treatment will be taken upto 30cm on parapet wall and tucked into groove in parapet all around.					
	SOR I/22.6					
	Roof treatment	sqm	1995.51	338.00	674482	SIX LAKH SEVENTY FOUR THOUSAND FOUR HUNDRED EIGHTY TWO PAISE THIRTY EIGHT ONLY
39	Making khurras 45x45 cm (sunk area) with average minimum thickness of 5 cm cement concrete 1:2:4 (1 cement : 2 sand : 4 graded stone aggregate of 20 mm nominal size) over P.V.C. sheet 1mx1mx400micron, finished with 12mm cement plaster 1:3 (1 cement : 3 sand) and a coat of neat cement rounding the edge and making and finishing the outlet complete so as to receive rain water/ spillage water on roof in a sunk area and completely rain out in a near perfect strain metermotion into rain water pipe.					

	SOR I/12.27	each	12.00	156.00	1872	ONE THOUSAND EIGHT HUNDRED SEVENTY TWO ONLY
40	Providing and fixing M.S. grills of required pattern in frames of windows etc. with M.S. flats, square or round bars etc. including priming coat with approved steel primer all complete.Fixed to steel windows by welding.					
	SOR I/9.43.1	kg	12058.88	119.00	1435006	FOURTEEN LAKH THIRTY FIVE THOUSAND SIX PAISE THIRTEEN ONLY
41	Providing and fixing hand rail of approved size by welding etc. to steel ladder railing, balcony railing, staircase railing and similar works, including applying a priming coat of approved steel primer. E.R.W. tubes.					
	SOR I/10.23.2	kg	168.30	132.00	22216	TWENTY TWO THOUSAND TWO HUNDRED FIFTEEN PAISE SIXTY ONLY
42	Providing and fixing M.S. Tubular frames for doors, windows, ventilators and cupboard with rectangular/ L-Type sections, made of 1.60 mm thick M.S. Sheet, joints mitred, welded and grinded finish, with profiles of required size, including fixing of necessary butt hinges and screws and applying a priming coat of approved steel primer . Fixing with 15x3 mm lugs 10 cm. long embedded in cement concrete block 15x10x10 cm of Cement Concrete 1:3:6 (1 Cement : 3 sand : 6 graded stone aggregate 20 mm nominal size).					
	SOR I/10.13.1	kg	14088.17	116.20	1637045	SIXTEEN LAKH THIRTY SEVEN THOUSAND FOURTY FIVE PAISE ONE ONLY

43	Providing and fixing factory made single extruded WPC (Wood Polymer Composite) solid door/window/ceosetory windows and other frames/chowkhat comprising of virgin polymer of K value 58-60 (Suspension Grade), calcium carbonate and natural fibers (wood powder/ rice .husk/wheat husk) and non toxic additives (maximum toxicity index of 12 for 100 gms) fabricated with miter joints after applying PVC solvent cement and screwed with full body threaded star headed S.S. screws having minimum density of 750 kg/m3 and screw withdrawal strength of 2200 N (Face) & 900 N (Edge), minimum compressive strength 58 N/mm2, modulus of elasticity 900 N/ mm2 and resistance to spread of flame of Class A category with property of being termite/borer proof, water/ moisture proof and fire retardant and fixed in position with M.S. hold fast/lugs/S.S.dash fasteners of required dia and length complete as per direction of Engineer-in-Charge. (M.S. hold fast/lugs or S.S. dash fasteners shall be paid separately)Single rebate (75 mm X 50 mm)					
	SOR I/9.169.1	rmt	70.40	459.00	32314	THIRTY TWO THOUSAND THREE HUNDRED THIRTEEN PAISE SIXTY ONLY

44	Providing and fixing factory made single extruded WPC (Wood Polymer Composite) solid plain flush door shutter of required size comprising of virgin polymer of K value 58 60 (Suspension Grade), calcium carbonate and natural fibers (wood powder/ rice .husk/wheat husk) and non toxic additives (maximum toxicity index of 12 for 100 gms) having minimum density of 650 kg/cum and screw withdrawal strength of 1800 N (Face) & 900 N (Edge), minimum compressive strength 50 N/mm², modulus of elasticity 850 N/mm² and resistance to spread of flame of Class A category with property of being termite/borer proof, water/moisture proof and fire retardant and fixing with stainless steel butt hinges of required size with necessary full body threaded star headed counter sunk S.S screws, all as per direction of Engineer-InCharge. (Note: stainless steel butt hinges and necessary S.S screws shall be paid separately)28 mm thick WPC (Wood polymer composite) solid plain flush door shutter					
	SOR I/9.170.2	sqm	24.36	3250.00	79170	SEVENTY NINE THOUSAND ONE HUNDRED SEVENTY ONLY

45	Providing and fixing aluminium work for doors, windows, ventilators and partitions with extruded built up standard tubular sections/ appropriate Z sections and other sections of approved make conforming to IS: 733 and IS: 1285, fixing with dash fasteners of required dia and size, including necessary filling up the gaps at junctions, i.e. at top, bottom and sides with required EPDM rubber/ neoprene gasket etc. Aluminium sections shall be smooth, rust free, straight, mitred and jointed mechanically wherever required including cleat angle, Aluminium snap beading for glazing / paneling, C.P. brass / stainless steel screws, all complete as per architectural drawings and the directions of Engineer-in-charge. (Glazing, paneling and dash fasteners to be paid for separately) : For shutters of doors, windows and ventilators including providing and fixing hinges/ pivots and making provision for fixing of fittings wherever required including the cost of Powder coated aluminium (minimum thickness of powder coating 50 micron)					
	SOR I/21.1.2.2	kg	137.62	484.00	66606	SIXTY SIX THOUSAND SIX HUNDRED SIX PAISE FOURTEEN ONLY
46	Providing and fixing 12mm thick Pre-laminated particle board flat pressed three layer or graded wood particle board conforming to IS: 12823 Grade I Type II, in panelling fixed in aluminium doors, windows shutters and partition frames with C.P. brass / stainless steel screws etc. complete as per architectural drawings and directions of engineer-in-charge. Pre-laminated particle board with decorative lamination on both sides.					

	SOR I/21.2.2	kg	7.20	907.00	6530	SIX THOUSAND FIVE HUNDRED THIRTY PAISE FOURTY ONLY
47	Providing and fixing double action hydraulic floor spring of approved brand and manufacture conforming to IS : 6315, having brand logo embossed on the body /plate with double spring mechanism and door weight upto 125 kg., for doors, including cost of cutting floors , embedding in floors as required and making good the same matching to the existing floor finishing and cover plates with brass pivot and single piece M.S. sheet outer box with slide plate etc. complete as per the direction of Engineer-in-charge : With brass cover plate - minimum 1.25 mm thickness.					
	SOR I/21.5.2	each	2.00	2072.00	4144	FOUR THOUSAND ONE HUNDRED FOURTY FOUR ONLY
48	Providing and fixing aluminium die cast body tubular type universal hydraulic door closer (having brand logo with ISI, IS : 3564, embossed on the body, door weight upto 35 kg and door width upto 700 mm) with necessary accessories and screws etc. complete.					
	SOR I/9.94	each	2.00	780.00	1560	ONE THOUSAND FIVE HUNDRED SIXTY ONLY
49	Providing and fixing aluminium sliding door bolts ISI marked anodised (anodic coating not less than grade AC 10 as per IS: 1868) transparent or dyed to required colour or shade with nuts and screws etc. complete: 300 X 16 mm					
	SOR I/9.109.1	each	2.00	241.00	482	FOUR HUNDRED EIGHTY TWO ONLY

50	Providing and fixing aluminium tower bolts ISI marked anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade with necessary screws etc. complete: 250 X 10 mm					
	SOR I/9.110.3	each	2.00	102.00	204	TWO HUNDRED FOUR ONLY
51	Providing and fixing aluminium handles ISI marked anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade with necessary screws etc. complete: 125 mm					
	SOR I/9.113.1	each	4.00	75.00	300	THREE HUNDRED ONLY
52	Providing and fixing aluminium work for doors, windows, ventilators and partitions with extruded built up standard tubular sections/ appropriate Z sections and other sections of approved make conforming to IS: 733 and IS: 1285, fixing with dash fasteners of required dia and size, including necessary filling up the gaps at junctions, i.e. at top, bottom and sides with required EPDM rubber/ neoprene gasket etc. Aluminium sections shall be smooth, rust free, straight, mitred and jointed mechanically wherever required including cleat angle, Aluminium snap beading for glazing / paneling, C.P. brass / stainless steel screws, all complete as per architectural drawings and the directions of Engineer-in-charge. (Glazing, paneling and dash fasteners to be paid for separately) : For shutters of doors, windows and ventilators including providing and fixing hinges/ pivots and making provision for fixing of fittings wherever required including the cost of EPDM rubber / neoprene gasket required (Fittings shall be paid for separately). Powder coated aluminium (minimum thickness of					

	powder coating 50 micron)					
	SOR I/21.1.1.2	kg	49.70	484.00	24053	TWENTY FOUR THOUSAND FIFTY TWO PAISE EIGHTY SIX ONLY
53	Providing and fixing fly proof wire gauze to windows, clerestory windows and doors with M.S. Flat 15x3mm and nuts and bolts complete. Stainless steel (grade 304) wire gauze of 0.5 mm dia wire and 1.4 mm aperture on both sides.					
	SOR I/10.26.2	sqm	23.76	1334.00	31696	THIRTY ONE THOUSAND SIX HUNDRED NINETY FIVE PAISE EIGHTY FOUR ONLY
54	Providing and fixing ISI marked factory made flush door shutters conforming to IS: 2202(Part-I) laminated type, core of block board construction with kiln seasoned and chemically treated 2nd class hard wood battens (strips) and frame of kiln seasoned and chemically treated, finger jointed 1st class hard wood of width not less than 65mm for style, top rail, bottom rail and 125mm for lock rail. Block board shall be provided with well matched 3mm thick commercial 3ply veneering consisting of vertical grains, cross bands and commercial grade face veneers on both outer faces of shutters including kiln seasoned and chemically treated, finger jointed 2nd class teakwood internal lipping battens fixed in jointed 2nd class teakwood internal lipping (battens) fixed in factory by using pneumatic gun, of depth not less than 25 mm on all edges of shutters. Spacing of finger joints in wood as above shall not be less than 50cm. Both surfaces of shutters to be provided with 1.00 mm thick decorative high pressure laminated sheet on plain/ wood grain in gloss/matt/suede finish with high density protective surface.					

	Adhesive on revers side of lamination sheet shall be as per IS: 2046 type S of approved (opening) withing frame of door/cupboards and shall be stamped by the manufacturer to display name of manufacturer, batch number of product and conformity with IS: 2202. The rate shall be inclusive of all material and labour complete and as per specification and dirction of Engineer-in-Charge					
	35mm thick including 3 nos. 100mm long, ISI marked heavy weight (2.5mm thick) Stainless steel butt hinges with necessary screws.					
	SOR I/9.203.2	sqm	136.71	3171.00	433507	FOUR LAKH THIRTY THREE THOUSAND FIVE HUNDRED SEVEN PAISE FOURTY ONE ONLY
55	Providing and fixing ISI marked stainless steel sliding door bolts with nuts and screws etc. complete : 300x16 mm					
	SOR I/9.65.1	each	114.00	389.00	44346	FOURTY FOUR THOUSAND THREE HUNDRED FOURTY SIX ONLY

56	Providing and fixing ISI marked stainless steel tower bolt black finish, (Barrel type) with necessary screws etc. complete : 250x10 mm					
	SOR I/9.66.1	each	114.00	148.00	16872	SIXTEEN THOUSAND EIGHT HUNDRED SEVENTY TWO ONLY
57	Providing and fixing ISI marked stainless steel door latches with screws etc. complete :250x20x6 mm					
	SOR I/9.68.2	each	114.00	173.00	19722	NINETEEN THOUSAND SEVEN HUNDRED TWENTY TWO ONLY
58	Providing and fixing ISI marked stainless steel handles with necessary screws etc. complete : 125 mm					
	SOR I/9.69.1	each	164.00	60.00	9840	NINE THOUSAND EIGHT HUNDRED FOURTY ONLY
59	Providing and fixing Stainless steel hanging type floor door stopper with necessary screws, etc. complete.					
	SOR I/9.76	each	114.00	103.00	11742	ELEVEN THOUSAND SEVEN HUNDRED FOURTY TWO ONLY
60	Providing and fixing circular/ Hexagonal cast iron or M.S. sheet box for ceiling fan clamp of internal dia 140mm, 73mm height, top lid of 1.5mm thick M.S. sheet with its top surface hacked for proper bonding, top lid shall be screwed into the cast iron/					
	SOR I/10.17	each	125.00	148.00	18500	EIGHTEEN THOUSAND FIVE HUNDRED ONLY

61	Providing and fixing glazing in aluminium door, window, ventilator shutters and partitions etc. with EPDM rubber/ neoprene gasket etc. complete as per the architectural drawings and the directions of engineer-in-charge. (Cost of aluminium snap beading shall be paid in basic item) : With float glass panes of 5.0 mm thickness (weight not less than 12.50 kg/sqm)					
	SOR I/21.3.2	sqm	100.14	948.00	94933	NINETY FOUR THOUSAND NINE HUNDRED THIRTY TWO PAISE SEVENTY TWO ONLY
62	Providing and fixing 18mm thick gang saw cut mirror polished (premoulded and prepolished) machine cut for kitchen platforms, vanity counters, window sills , facias and similar locations of required size of approved shade, colour and texture laid over 20mm thick base cement mortar 1:4 (1 cement : 4 sand) with joints treated with white cement, mixed with matching pigment, epoxy touch ups, including rubbing, curing moulding and polishing to edge to give high gloss finish wherever required etc. complete at all levels. Samples approved by Engineer-inCharge. Cuddpah stone					
	SOR I/11.22.5	sqm	80.94	1279.00	103522	ONE LAKH THREE THOUSAND FIVE HUNDRED TWENTY TWO PAISE TWENTY SIX ONLY

63	Providing and fixing 18mm thick gang saw cut mirror polished (premoulded and prepolished) machine cut for kitchen platforms, vanity counters, window sills , facias and similar locations of required size of approved shade, colour and texture laid over 20mm thick base cement mortar 1:4 (1 cement : 4 sand) with joints treated with white cement, mixed with matching pigment, epoxy touch ups, including rubbing, curing moulding and polishing to edge to give high gloss finish wherever required etc. complete at all levels. Samples approved by Engineer-in- Charge. Granite fine grained dark crystal of other colours and various patterns					
	SOR I/11.22.2	sqm	21.69	2356.00	51090	FIFTY ONE THOUSAND EIGHTY NINE PAISE EIGHTY SIX ONLY
64	Providing and laying Ceramic glazed floor tiles 300x300 mm or more (having thickness 6 to 7mm) of 1st quality conforming to IS : 15622 of approved make in any colours and shade laid on 20 mm thick Cement Mortar 1:4 (1 Cement : 4 sand) including pointing the joints with white cement and matching pigment etc., complete.					
	SOR I / 11.49	sqm	111.60	670.00	74772	SEVENTY FOUR THOUSAND SEVEN HUNDRED SEVENTY TWO ONLY

65	Providing and laying vitrified floor-tiles Full Body Design Homogenous Body matt/rustic finish in different size with water absorption less than 0.05% and conforming to IS:15622 of approved make in all colours& shades, 1st quality/ premium quality in flooring laid on 20mm thick cement mortar 1:4(1cement :4sand) including grouting the joints with white cement and matching pigments etc. complete In light colour and shades as ivory, beige blanco, grey etc. Size 600X600mm thickness 9-10mm					
	SOR I/11.80.1.2	sqm	1899.73	1206.00	2291068	TWENTY TWO LAKH NINETY ONE THOUSAND SIXTY EIGHT PAISE THIRTY FIVE ONLY
66	Providing and laying vitrified floor-tiles Full Body Design Homogenous Body matt/rustic finish in different size with water absorption less than 0.05% and conforming to IS:15622 of approved make in all colours& shades, 1st quality/ premium quality in skirting, riser laid on 12mm thick cement mortar 1:4(1cement :4sand) including grouting the joints with white cement and matching pigments etc. complete . In light colour and shades as ivory, beige blanco, grey etc. Size 600X600mm thickness 9-10mm					
	SOR I/11.81.1.2	sqm	91.26	1196.00	109147	ONE LAKH NINE THOUSAND ONE HUNDRED FOURTY SIX PAISE NINETY SIX ONLY

67	Kota stone slab flooring over 20 mm (average) thick base laid over and jointed with grey cement slurry mixed with pigment to match the shade of the slab including rubbing and polishing complete with base of cement mortar 1 : 4 (1 cement : 4 sand) 25 mm thick.(Area of slab to be over 0.25 sqm)					
	SOR I/11.36	sqm	702.60	1174.00	824852	EIGHT LAKH TWENTY FOUR THOUSAND EIGHT HUNDRED FIFTY TWO PAISE FOURTY ONLY
68	Kota stone slabs in risers of steps, skirting, dado and pillars laid on 12 mm (average) thick cement mortar 1:3 (1 cement 3 coarse sand) and jointed with grey cement slurry mixed with pigment to match the shade of the slabs, including rubbing and polishing complete . 20 mm thick					
	SOR I/11.38.2	sqm	35.25	1231.00	43393	FOURTY THREE THOUSAND THREE HUNDRED NINETY TWO PAISE SEVENTY FIVE ONLY
69	Providing and fixing Ceramic glazed wall tiles 300x450 mm or more (having thickness 6 to 7 mm) of 1st quality conforming to IS: 15622 of approved make in all Colours& shades, except burgundy, bottle green, black laid on 12mm thick bed of Cement Mortar 1:3 (1 Cement: 3 sand)prepad same day when mortar is still green jointed with grey cement slurry @3.3 kg per sqm including pointing the joints with white cement and matching pigments etc., complete.					
	SOR I/11.50	sqm	362.94	776.00	281641	TWO LAKH EIGHTY ONE THOUSAND SIX HUNDRED FOURTY ONE

						PAISE FOURTY FOUR ONLY
70	Providing and laying gang saw cut 18 mm thick, mirror polished premoulded (wherever required) and pre polished machine cut granite stonework in flooring of required size shape of approved shade, color and texture in flooring laid over 20 mm thick base of cement mortar 1:4 (1 Cement: 4 sand) including grouting the joints with white cement mixed with matching pigments epoxy touch ups etc. complete as per direction of Engineer-in-Charge. Area of slab over 0.50 sqm . Fine grained granite dark Black/dark Red/ White or equivalent with self design/ pattern/crystals of other colors of glitter					
	SOR I/11.29.1.1	sqm	497.14	2919.00	1451152	FOURTEEN LAKH FIFTY ONE THOUSAND ONE HUNDRED FIFTY ONE PAISE SIXTY SIX ONLY
71	Granite stone work 18mm thick of any colour in riser of steps, skirting, dado and pillars laid on 12 mm average thick cement mortar 1:3 (1 cement:3 sand) and jointed with white cement slurry mixed with pigment to match the shade of slab.					
	SOR I/11.34	sqm	133.01	3413.00	453963	FOUR LAKH FIFTY THREE THOUSAND NINE HUNDRED SIXTY THREE PAISE THIRTEEN ONLY

72	Providing and fixing stone slab table rubbed on both faces edges rounded and polished of size as required and 1.8 cm thick fixed in urinal partitions by cutting a chase of appropriate width with chase cutter and embedding the stone in the chase with epoxy grout or with cement concrete 1:2:4 (1 cement: 2 sand: 4 graded stone aggregate 6 mm nominal size) as per direction of Engineer-in- charge and finished smooth. Granite Stone of approved shade.					
	SOR I/11.64.2	sqm	9.60	3422.00	32851	THIRTY TWO THOUSAND EIGHT HUNDRED FIFTY ONE PAISE TWENTY ONLY
73	Providing edge moulding to 18mm thick marble stone counters, Vanities, window sills etc. including machine polishing to edge to give high gloss finish etc. complete as per design approved by Engineer-in-Charge . Granite work.					
	SOR I/11.40.2	rmt	186.80	269.00	50249	FIFTY THOUSAND TWO HUNDRED FOURTY NINE PAISE TWENTY ONLY
74	Providing and laying Antiskid floor tiles of any sizes, 12 mm thickness with water absorption less than 0.08% and conforming to IS:15622 of approved make in all colours and shades, laid on 20mm thick cement mortar 1:4 (1 cement : 4 sand) including grouting the joints with white cement with matching pigments etc., complete.					
	SOR I/11.53	sqm	619.09	880.00	544799	FIVE LAKH FOURTY FOUR THOUSAND SEVEN HUNDRED NINETY NINE PAISE TWENTY ONLY

75	Providing and laying factory made machine pressed precast cement concrete interlocking paver block of any shape and size conforming to IS:15658- 2006 and ISI marked of 60 mm thickness, M-30 grade with grey cement and pigment all as specified. Made by block making machine with strong vibratory compaction, laid in required colour and pattern over and including 50mm thick compacted bed of stone dust, filling the joints with sand etc. all complete as per the direction of Engineer-in-Charge.					
	SOR I/11.66	sqm	357.90	642.00	229772	TWO LAKH TWENTY NINE THOUSAND SEVEN HUNDRED SEVENTY ONE PAISE EIGHTY ONLY
76	Providing and applying white cement based putty of average thickness 1 mm, of approved brand over the plastered wall surface to prepare the surface even and smooth i/c all cost of material, labour and scaffold etc in all position complete. Note : Putty shall be applied only on the internal walls, for application on the exterior walls prior permission of APD/Chief Engineer will be required.					
	SOR I/13.41	sqm	15695.78	74.00	1161488	ELEVEN LAKH SIXTY ONE THOUSAND FOUR HUNDRED EIGHTY SEVEN PAISE NINETY EIGHT ONLY
77	Wall painting by any mechanical or manual means with plastic emulsion paint of approved brand and manufacture to give an even shade: Two or more coats on new work					
	SOR I/13.46	sqm	6980.83	64.00	446773	FOUR LAKH FOURTY SIX THOUSAND SEVEN HUNDRED SEVENTY THREE PAISE TWELVE

						ONLY
78	Finishing walls by only mechanical or manual means with textured exterior paint of required shade: New work (Two or more coats applied @ 3.28 ltr/10 sqm) over and including priming coat of exterior primer applied @ 2.20kg/10 sqm.					
	SOR I/13.51	sqm	3635.39	132.00	479872	FOUR LAKH SEVENTY NINE THOUSAND EIGHT HUNDRED SEVENTY ONE PAISE EIGHTY ONE ONLY
79	Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade: Two or more coats on new work over an under coat of suitable shade with ordinary paint of approved brand and manufacture.					
	SOR I/13.65	sqm	1071.46	77.00	82503	EIGHTY TWO THOUSAND FIVE HUNDRED TWO PAISE FIFTY SEVEN ONLY
80	Providing and fixing in position bitumen impregnated fibre board conforming to IS: 1838 including cost of primer, sealing compound in expansion joints. 50 mm thick					
	SOR I/5.22.3	sqm	46.00	674.00	31004	THIRTY ONE THOUSAND FOUR ONLY
81	Providing and fixing sheet covering over expansion joints with iron screws as per design. Aluminium fluted strips 3.15mm thick. 150 mm wide.					
	SOR I/5.23.2.1	rmt	145.00	483.00	70035	SEVENTY THOUSAND THIRTY FIVE ONLY

82	Stone work (machine cut edges) for wall lining upto 10 m height etc. (Veneer work) backing filled with a grout of 12mm thick cement mortar 1:3 (1 Cement : 3 sand) and jointed with Cement mortar 1:2 (1 cement : 2 marble dust) including rubbing and polishing complete. (To be secured to the backing by means of cramps which shall be paid for separately) 25mm thick Dholpur stone slabs exposed face dressed and rubbed.					
	SOR I/7.35.2	sqm	310.46	1469.00	456072	FOUR LAKH FIFTY SIX THOUSAND SEVENTY ONE PAISE SIXTY TWO ONLY
83	Providing and fixing sloping chajja of stone 40 mm thick and upto 80 cm wide beyond the wall as measured along the slope in cement mortar 1:4 (1 cement : 4 sand) with 12mm diameter anchoring steel bar 45 cm long fixed in each stone and supported on and including bricks cove in cement mortar 1:4 (1 cement :4 sand) including pointing in cement mortar 1:2 (1 white cement: 2 marble dust) with an admixture of pigment matching the stone shade:Red sand stone: With common burnt clay bricks of 25 kg/cm2 compressive strength.					
	SOR I/7.26.1	sqm	8.40	1196.00	10046	TEN THOUSAND FOURTY SIX PAISE FOURTY ONLY
84	Marble stone 18 mm thick in riser of step, skirting, dado and pillar laid on 12 mm average thick cement mortar 1:3 (1 cement: 3 sand and laid with white cement slurry) joints treated with white cement mixed with pigment to match the shade of the slab i/c rubbing and polishing complete. (area of slab over0.50sqm.)Katni marble					

	SOR I/11.20.4	sqm	54.14	2113.00	114406	ONE LAKH FOURTEEN THOUSAND FOUR HUNDRED SIX PAISE TWENTY SEVEN ONLY
85	Stone work, plain in copings, cornices, string courses and plinth courses, upto 75 mm thick in Cement mortar 1:6 (1 cement : 6 sand) including pointing with white cement mortar 1:2 (1 white cement : 2 stone dust) with an admixture of pigment matching the stone shade.					
	SOR I/7.30.1	cum	8.40	13187.00	110771	ONE LAKH TEN THOUSAND SEVEN HUNDRED SEVENTY PAISE EIGHTY ONLY
86	Providing and fixing stone jali 40mm thick throughout in cement mortar 1:3 (1cement :3 sand) including pointing in white cement mortar 1:2 (1white cement: 2stone dust) with an admixture of pigment , matching the stone shade, jali slab without any chamfers etc. Red sand stone					
	SOR I/7.31.1	sqm	58.90	5797.00	341443	THREE LAKH FOURTY ONE THOUSAND FOUR HUNDRED FOURTY THREE PAISE THIRTY ONLY
87	Providing and laying vitrified floor-tiles Full Body Design Homogenous Body matt/rustic finish in different size with water absorption less than 0.05% and conforming to IS:15622 of approved make in all colours & shades, 1st quality/ premium quality in skirting, riser, dado and wall lining laid on 12mm thick cement mortar 1:4(1cement:4sand) including grouting the joints with white In dark colour and shades etc.(b) Size 600X600mm thickness 9-10mm					

	SOR I/11.81.2.2	sqm	15.78	1329.00	20972	TWENTY THOUSAND NINE HUNDRED SEVENTY ONE PAISE SIXTY TWO ONLY
88	Extra for cutting rebate in flush door shutters (Total area of the shutter to be measured).					
	SOR I/9.24	sqm	29.48	93.00	2742	TWO THOUSAND SEVEN HUNDRED FOURTY ONE PAISE SIXTY FOUR ONLY
89	Providing corrugated G.S. sheet roofing including vertical/ curved surface fixed with polymer coated J or L hooks, bolts and nuts 8 mm diameter with bitumen and G.I. limpet washers or with G.I. limpet washers filled with white lead and including a coat of approved steel primer and two coats of approved paint on overlapping of sheets complete upto any pitch in horizontal/ vertical or curved surfaces) excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever required. 1.00mm thick with zinc coating not less than 275gm/m ²					
	SOR I/12.1.1	sqm	129.39	1025.00	132625	ONE LAKH THIRTY TWO THOUSAND SIX HUNDRED TWENTY FOUR PAISE SEVENTY FIVE ONLY
90	Centering and shuttering including strutting, propping etc. and removal of form for: Weather shade, Chajjas, corbels etc., including Edges.					
	SOR I/5.9.19	sqm	415.82	534.20	222131	TWO LAKH TWENTY TWO THOUSAND ONE HUNDRED THIRTY ONE PAISE FOUR ONLY

91	Providing and fixing in position collapsible steel shutters with vertical channels 20x10x2mm and braced with flat iron diagonals 20x5mm size with top and bottom rail of T-iron 40x40x6mm with 40mm dia steel pulleys complete with bolts, nuts, locking arrangement, stoppers, handles, including applying a priming coat of approved steel primer. Rate includes recess cutting in floor and making good the same wherever required.					
	SOR I/10.3	sqm	7.30	4132.00	30164	THIRTY THOUSAND ONE HUNDRED SIXTY THREE PAISE SIXTY ONLY
92	Providing and laying water proofing treatment in sunken portion of WCs, bathroom etc., by applying cement slurry mixed with water proofing cement compound consisting of applying : a) First layer of slurry of cement @ 0.488kg/sqm mixed with water proofing cement compound @ 0.253 kg/sqm. This layer will be allowed to air cure for 4 hours. b) Second layer of slurry of cement @ 0.242 kg/sqm mixed with water proofing cement compound @ 0.126 kg/sqm. This layer will be allowed to air cure for 4 hours followed with water curing for 48 hours. The rate includes preparation of surface, treatment and sealing of all joints, corners, junctions of pipes and masonry with polymer mixed slurry					
	SOR I/22.5	sqm	25.35	207.00	5247	FIVE THOUSAND TWO HUNDRED FOURTY SEVEN PAISE FOURTY FIVE ONLY

93	Providing and fixing stainless steel(Grade 304) railing made of Hollowtubes,channels, plates etc. including welding, grinding, buffing, polishing and making curvature (wherever required) and fittingthe same with necessary stainless steel nuts and bolts complete i/c fixing the railing with necessary accessories and stainless steel dash fasteners, stainless steel bolts etc., of required size, on the top of the floor or the side of waist slab with suitable arrangement as per approval of Engineerin-charge. (For payment purpose only weight of stainless steel members shall beconsidered excluding fixing accessoriessuch as nuts, bolts, fasteners etc.)					
	SOR I/10.25	kg	703.33	582.00	409338	FOUR LAKH NINE THOUSAND THREE HUNDRED THIRTY EIGHT PAISE SIX ONLY
94	Making plinth protection 50mm thick of cement concrete grade M10 over 75mm bed of dry metal ballast 40mm nominal size well rammed and consolidated and filled with sand including finishing the top smooth (with 20mm nominalsize graded stone aggregate.)					
	SOR I/4.17	sqm	216.680	351.00	76055	SEVENTY SIX THOUSAND FIFTY FOUR PAISE SIXTY EIGHT ONLY
	(W/S & S/F work)					

95	Providing and fixing water closet squatting pan (Indian type W.C. pan) with 100mm sand cast Iron P or S trap, UPVC P or S trap, 10 litre low level white P.V.C. flushing cistern, including flush pipe, with manually controlled device (handle lever) conforming to IS : 7231, with all fittings and fixtures complete including cutting and making good the walls and floors wherever required : White Vitreous china Orissa pattern W.C. pan of size 580x440mm with integral type foot rests.					
	SOR I/17.1.1	each	12.00	2995.00	35940.00	THIRTY FIVE THOUSAND NINE HUNDRED FOURTY ONLY
96	Providing and fixing white vitreous china pedestal type water closet (European type W.C. pan) with seat and lid, 10 litre low level white P.V.C. flushing cistern, including flush pipe, with manually controlled device (handle lever), conforming to IS : 7231, with all fittings and fixtures complete including cutting and making good the walls and floors wherever required : W.C. pan with ISI marked white solid plastic seat and lid					
	SOR I/17.2.1	each	4.00	3036.00	12144.00	TWELVE THOUSAND ONE HUNDRED FOURTY FOUR ONLY
97	Providing and fixing wash basin with C.I. brackets, 15 mm C.P. brass pillar taps, 32 mm C.P. brass waste of standard pattern, including painting of fittings and brackets, cutting and making good the walls wherever require : White Vitreous China Flat back wash basin size 600x480 mm with single 15 mm C.P. brass pillar tap.					

	SOR I/17.11.5	each	8.00	1775.00	14200.00	FOURTEEN THOUSAND TWO HUNDRED ONLY
98	Providing and fixing Stainless Steel A ISI 304 (18/8) kitchen sink as per IS 13983 with C.I. brackets and stainless steel plug 40 mm including painting of fittings and brackets, cutting and making good the walls wherever required : Kitchen sink without drain board . 610x460 mm bowl depth 200 mm.					
	SOR I/17.14.2.2	each	1.00	4351.00	4351.00	FOUR THOUSAND THREE HUNDRED FIFTY ONE ONLY
99	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings i/c fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes and fittings with one step CPVC solvent cement and testing of joints complete as per direction of Engineer-in-Charge. Concealed work including cutting chases and making good the walls etc.					
	SOR I/18.6.2					
	SOR I/18.6.2.1 15 mm nominal outer dia.Pipes.	Rm.	82.00	207.00	16974.00	SIXTEEN THOUSAND NINE HUNDRED SEVENTY FOUR ONLY
	SOR I/18.6.2.2 20 mm nominal outer dia.Pipes.	Rm.	108.00	234.00	25272.00	TWENTY FIVE THOUSAND TWO HUNDRED SEVENTY TWO ONLY
	SOR I/18.6.2.3 25 mm nominal outer dia.Pipes.	Rm.	96.00	288.00	27648.00	TWENTY SEVEN THOUSAND SIX HUNDRED FOURTY EIGHT ONLY

100	Providing and fixing 3 layer PP-R (Poly propylene Random copolymer) pipes U V stabilized and anti - microbial fusion welded, having thermal stability for hot and cold water supply including all PP - R plain and brass threaded polypropylene random fittings i/c trenching, refilling and testing of joints complete as per direction of Engineer-in-Charge. External work					
	SOR I/18.5					
	SOR I/18.5.4 PN - 16 Pipe, 32 mm OD (SDR 7.4)	Rm.	90.00	268.00	24120.00	TWENTY FOUR THOUSAND ONE HUNDRED TWENTY ONLY
	SOR I/18.5.5 PN - 16 Pipe, 40 mm OD (SDR 7.4)	Rm.	250.00	407.00	101750.00	ONE LAKH ONE THOUSAND SEVEN HUNDRED FIFTY ONLY
	SOR I/18.5.6 PN - 16 Pipe, 50 mm OD (SDR 7.4)	Rm.	200.00	566.00	113200.00	ONE LAKH THIRTEEN THOUSAND TWO HUNDRED ONLY
101	Providing and fixing CPVC gate valve with knob of approved quality. 25 mm nominal bore					
	SOR I/18.13.1	each	8.00	428.00	3424.00	THREE THOUSAND FOUR HUNDRED TWENTY FOUR ONLY
102	Providing and placing on terrace (at all floor levels) polyethylene water storage tank ISI : 12701 marked with cover and suitable locking arrangement and making necessary holes for inlet, outlet and overflow pipes but without fittings and the base support for tank					
	SOR I/18.28	Lit.	10000.00	7.00	70000.00	SEVENTY THOUSAND ONLY
103	Providing and fixing C.P. brass long nose bib cock of approved quality conforming to IS standards and weighing not less than 810 gm, 15 mm nominal bore.					
	SOR I/18.32	each	22.00	1258.00	27676.00	TWENTY SEVEN THOUSAND SIX HUNDRED SEVENTY SIX

						ONLY
104	Providing and laying below ground unplasticised PVC pipe to with stand working pressure of 4 kg/cm ² soild waste pipes confirming to IS:13592 and IS:4985 including jointing with seal ring confirming to IS :5282 leaving 10mm gap for thermal expansion all necessary fittings etc. complete. Excavation to be paid seperately. 110 mm diameter OD (min. wall thickness 3.2mm)					
	SOR I/19.4.1	Rm.	80.00	234.00	18720.00	EIGHTEEN THOUSAND SEVEN HUNDRED TWENTY ONLY
105	Providing and laying cement concrete 1:3:6 (1 cement: 3 sand: 6 graded stone aggregate 20 mm nominal size) all-round PVC. pipes including bed concrete as per standard design: 110 mm diameter PVC. Pipe					
	SOR. I/19.5.1	Rm.	80.00	576.00	46080.00	FOURTY SIX THOUSAND EIGHTY ONLY
106	Providing and fixing squaremouth S.W. gully trap class SP1 complete with C.I. grating brick masonry chamber with water tight C.I. cover with frame of 300 x300 mm size (inside) the weight of cover to be not less than 4.50 kg and frame to be not less than 2.70 kg as per standard design : 100x100 mm size P type. With well burnt bricks					
	SOR I/19.7.1.1	each	6.00	1764.00	10584.00	TEN THOUSAND FIVE HUNDRED EIGHTY FOUR ONLY

107	Constructing brick masonry manhole in cement mortar 1:4 (1 cement : 4 sand) R.C.C. top slab with Cement Concrete 1:2:4 mix (1 cement : 2 sand : 4 graded stone aggregate 20 mm nominal size), foundation concrete 1:2:4 mix (1 cement : 2 sand : 4 graded stone aggregate 20mm nominal size) inside plastering 12mm thick with cement mortar 1:3 (1 cement : 3 sand) finished with floating coat of neat cement and making channels in cement concrete 1:2:4 (1 cement : 2 sand : 4 graded stone aggregate 20mm nominal size) finished with a floating coat of neat cement complete as per standard design. Inside size 90x80 cm and 45 cm deep including C.I. cover with frame (light duty) 455x610 mm internal dimensions total weight of cover and frame to be not less than 38 kg (weight of cover 23 kg and weight of frame 15 kg) : With well burnt bricks					
	SOR I/19.9.1.1	each	30.00	7997.00	239910.00	TWO LAKH THIRTY NINE THOUSAND NINE HUNDRED TEN ONLY
108	Extra for depth for manholes . Size 90x80 cm With well burnt bricks					
	SOR I/19.10.1.1	mtr.	10.00	6176.00	61760.00	SIXTY ONE THOUSAND SEVEN HUNDRED SIXTY ONLY
109	Providing and fixing unplasticised Rigid PVC soil and waste pipes conforming to IS: 13592 Type B including jointing with seal ring conforming to IS : 5382 leaving 10 mm gap for thermal expansion. Single socketed pipes for working pressure of 4 kg/sqcm. (minimum wall thickness 3.2mm)					
	[SOR I/ 17.58					
	SOR I/ 17.58.2 110 mm diameter	mtr.	120.00	238.00	28560.00	TWENTY EIGHT THOUSAND FIVE HUNDRED SIXTY

						ONLY
	SOR I/ 17.58.1 75 mm diameter	mtr.	50.00	136.00	6800.00	SIX THOUSAND EIGHT HUNDRED ONLY
110	Providing and fixing unplasticised PVC moulded fittings/ accessories for unplasticised Rigid PVC soil and waste pipes conforming to IS: 13592 Type A including jointing with seal ring conforming to IS : 5382 leaving 10 mm gap for thermal expansion.					
	[SOR I/ 17.59					
	SOR I/ 17.59.1.1 Coupler 75 mm	each	20.00	117.00	2340.00	TWO THOUSAND THREE HUNDRED FOURTY ONLY
	SOR I/ 17.59.1.2 Coupler 110 mm	each	20.00	154.00	3080.00	THREE THOUSAND EIGHTY ONLY
	SOR I/ 17.59.3.1 Single tee with door 75x75x75 mm	each	20.00	219.00	4380.00	FOUR THOUSAND THREE HUNDRED EIGHTY ONLY
	SOR I/ 17.59.3.2 Single tee with door 110x110x110 mm	each	20.00	346.00	6920.00	SIX THOUSAND NINE HUNDRED TWENTY ONLY
	SOR I/ 17.59.5.1 Bend 87.50 - 75 mm bend	each	20.00	117.00	2340.00	TWO THOUSAND THREE HUNDRED FOURTY ONLY
	SOR I/ 17.59.5.2 Bend 87.50 - 110 mm bend	each	20.00	172.00	3440.00	THREE THOUSAND FOUR HUNDRED FOURTY ONLY
111	Providing and fixing Unplasticised - PVC pipe clips of approved design to Unplasticised - PVC soil and waste pipes by means of bombay nail of required length including and making good the wall etc. complete. 110 mm					
	[SOR I/ 17.60.2	each	120.00	50.00	6000.00	SIX THOUSAND ONLY
112	Providing and fixing terminal guard: 100 mm					
	[SOR I/ 17.53.2.1	each	7.00	259.00	1813.00	ONE THOUSAND EIGHT HUNDRED THIRTEEN ONLY
113	Providing and fixing UPVC trap of self cleaning design complete. Including cost of cutting and making good the wall and floors. 100 mm inlet and 75 mm outlet					
	[SOR I/ 17.61	each	13.00	517.00	6721.00	SIX THOUSAND SEVEN HUNDRED TWENTY ONE

						ONLY
114	Providing and fixing white vitreous china flat back half stall urinal of size 580x380x350mm.					
	SOR I/17.27	each	18.00	2243.00	40374.00	FOURTY THOUSAND THREE HUNDRED SEVENTY FOUR ONLY
115	Providing and fixing mirror of superior glass (of approved quality) and of required shape and size with plastic moulded frame of approved make and shape with 6 mm thick hard board backing . Circular shape 450mm dia.					
	SOR I/17.68.1	each	2.00	806.00	1612.00	ONE THOUSAND SIX HUNDRED TWELVE ONLY
116	Providing and fixing CP brass towel rail of approved quality and make . 600x20mm					
	SOR I/17.73.1	each	2.00	952.00	1904.00	ONE THOUSAND NINE HUNDRED FOUR ONLY
117	Providing and fixing CP brass soap dish of approved quality and make					
	SOR I/17.75	each	2.00	422.00	844.00	EIGHT HUNDRED FOURTY FOUR ONLY
118	Providing and fixing toilet paper holder: C.P. brass					
	SOR I/17.70.1	each	4.00	340.00	1360.00	ONE THOUSAND THREE HUNDRED SIXTY ONLY
119	Providing and fixing brass stop cock of approved quality : 20 mm nominal bore					
	SOR I/18.30.2	each	10.00	344.00	3440.00	THREE THOUSAND FOUR HUNDRED FOURTY ONLY

120	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means over areas (exceeding 30cm in depth. 1.5m in width as well as 10 sqm on plan) including dressing of sides and ramming of bottom disposal of excavated earth, lead up to 50m and lift up to 1.5m, disposed earth to be levelled and neatly dressed. (No extra lift is payable if work is done by mechanical means) All kinds of soil					
	SOR I/2.6	cum	2888.930	147.00	424673	FOUR LAKH TWENTY FOUR THOUSAND SIX HUNDRED SEVENTY TWO PAISE SEVENTY ONE ONLY
121	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work upto plinth level : With 40mm nominal size graded stone aggregate . M-7.5 Nominal Mix -1 Cement : 4 sand : 8 graded stone aggregate					
	SOR I/4.1.2.3	cum	192.550	3474.00	668919	SIX LAKH SIXTY EIGHT THOUSAND NINE HUNDRED EIGHTEEN PAISE SEVENTY ONLY
122	Providing and laying in position specified grade of reinforced cement concrete (with 20mm nominal size graded stone aggregate) excluding the cost of centering, shuttering, finishing and reinforcement - All work up to plinth level . M-20 grade Concrete					
	SOR I/5.1.1	cum	515.230	6153.00	3170210	THIRTY ONE LAKH SEVENTY THOUSAND TWO HUNDRED TEN PAISE NINETEEN ONLY

123	Reinforced cement concrete work (with 20 mm nominal size graded stone aggregate) in walls (any thickness), including attached pilasters, buttresses, plinth and string courses, fillets, columns, pillars, posts and struts etc. above plinth level and upto floor two level excluding cost of centering, shuttering, finishing and reinforcement: M-20 Grade Concrete					
	SOR I/5.2.1	cum	61.610	6231.00	383892	THREE LAKH EIGHTY THREE THOUSAND EIGHT HUNDRED NINETY ONE PAISE NINETY ONE ONLY
124	Reinforced cement concrete work (with 20 mm nominal size graded stone aggregate) in beams, suspended floors, roofs having slope of any degree landings, balconies, shelves, chajjas, lintels, bands, plain window sills, staircases and spiral staircases above plinth level and upto floor two level excluding the cost of centering, shuttering, finishing and reinforcement in concrete grade . M-20 Grade Concrete					
	SOR I/5.3.1	cum	51.340	6541.00	335815	THREE LAKH THIRTY FIVE THOUSAND EIGHT HUNDRED FOURTEEN PAISE NINETY FOUR ONLY

125	Reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding including cost of binding wire all wastages and overlaps, couplers (overlaps shall be provided as per requirement of IS 13920 for ductile detailing IS 456 RCC Design & SP 34 Reinforcement detailing) etc. complete . (Note:- 1. Spacer bars (chairs) shall be paid separately as shown in the drawing and as per direction of engineer in charge. 2. No extra payment shall be done for overlaps and/or couplers. 3. Couplers shall be conforming to IS code on “Reinforcement Couplers for Mechanical Splices of Bars for Concrete Reinforcement - Specification”) . Thermo-Mechanically Treated bars. (TMT/TMX) FE 500 or more conforming to IS 1786					
	SOR I/5.16.6 (Steel@ 75 kg/ Cum of RCC	<u>kg</u>	47114.540	80.00	3769163	THIRTY SEVEN LAKH SIXTY NINE THOUSAND ONE HUNDRED SIXTY THREE PAISE TWENTY ONLY
126	Centering and shuttering in cluding strutting, propping etc. and removal of form for: Foundations, footings, bases of columns, etc. for concrete upto plinth level					
	SOR I/5.9.1	sqm	1369.540	190.60	261034	TWO LAKH SIXTY ONE THOUSAND THIRTY FOUR PAISE THIRTY TWO ONLY
127	Centering and shuttering in cluding strutting, propping etc. and removal of form for: Columns, P i l l a r s , Piers, Abutments, Posts and Struts.					
	SOR I/5.9.6	sqm	1968.520	471.20	927567	NINE LAKH TWENTY SEVEN THOUSAND FIVE HUNDRED SIXTY SIX PAISE SIXTY TWO ONLY

128	Centering and shuttering in cluding strutting, propping etc. and removal of form for: Walls (any thickness) in cluding attached pilasters butter esses, plinth beams and string courses etc. Uptoplinthlevel.					
	SOR I/5.9.2.1	sqm	1146.600	219.00	251105	TWO LAKH FIFTY ONE THOUSAND ONE HUNDRED FIVE PAISE FOURTY ONLY
129	Centering and shuttering in cluding strutting, propping etc. and removal of form for: Lintels, beams, girders, bressumers and cantilevers .					
	SOR I/5.9.5	sqm	496.200	356.00	176647	ONE LAKH SEVENTY SIX THOUSAND SIX HUNDRED FOURTY SEVEN PAISE TWENTY ONLY
130	Filling available excavated earth (excluding hard rock/Ordinary rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20cm in depth, consolidating each deposited layer by ramming and watering, lead up to 50 m and lift upto 1.5 m.					
	SOR I/2.24 (16.87-1.12-2.41)	cum	2282.860	95.00	216872	TWO LAKH SIXTEEN THOUSAND EIGHT HUNDRED SEVENTY ONE PAISE SEVENTY ONLY
131	Brick work with fly ash lime bricks (FALG Bricks) conforming to IS:12894-2002, in super structure above plinth level up to floor two level in : Having 50 kg / cm ² average compressive strength. Cement mortar 1:6 (1 cement : 6 sand)					
	SOR I/6.7.3.2	kg	369.735	4936.00	1825012	EIGHTEEN LAKH TWENTY FIVE THOUSAND ELEVEN PAISE NINETY SIX ONLY
132	6 mm cement plaster of mix : 1:3 (1 cement : 3 sand)					

	SOR I/13.8	sqm	358.980	144.00	51693	FIFTY ONE THOUSAND SIX HUNDRED NINETY THREE PAISE TWELVE ONLY
133	12 mm cement plaster of mix : 1:4 (1 cement : 4 sand)					
	SOR I/13.1.1	sqm	2738.720	173.00	473799	FOUR LAKH SEVENTY THREE THOUSAND SEVEN HUNDRED NINETY EIGHT PAISE FIFTY SIX ONLY
134	15 mm cement plaster on the rough side of single or half brick wall of mix . 1:4 (1 cement : 4 sand)					
	SOR I/13.2.1	sqm	2738.720	184.00	503924	FIVE LAKH THREE THOUSAND NINE HUNDRED TWENTY FOUR PAISE FOURTY EIGHT ONLY
135	Finishing walls by only mechanical or manual means with textured exterior paint of required shade: New work (Two or more coats applied @ 3.28 ltr/10 sqm) over and including priming coat of exterior primer applied @ 2.20kg/10 sqm.					
	SOR I/13.51	sqm	5833.530	132.00	770026	SEVEN LAKH SEVENTY THOUSAND TWENTY FIVE PAISE NINETY SIX ONLY
136	Steel work in built up M.S. tubular section (round, square or rectangular hollow tubes etc.) trusses/frame work etc. including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer, including welding and bolted with special shaped washers etc. complete.					
	Hot finished welded type tubes					
	SOR I. No. 10.14.1	kg	419.420	117.00	49072	FOURTY NINE THOUSAND SEVENTY TWO PAISE FOURTEEN ONLY
	road					

137	Clearing and grubbing road land including uprooting rank vegetation, grass, bushes, shrubs, saplings and trees girth up to 300 mm, removal of stumps of trees cut earlier and disposal of unserviceable materials and stacking of serviceable material to be used or auctioned up to a lead of 1000 metres including removal and disposal of top organic soil not exceeding 150 mm in thickness.					
	SOR I/2.2 A	hect.	0.95	29409.00	27939	TWENTY SEVEN THOUSAND NINE HUNDRED THIRTY EIGHT PAISE FIFTY FIVE ONLY
138	Excavation in ordinary rock including loading in a truck and carrying of excavated material to embankment site with all lifts and leads upto 1000 metres as per relevent clauses of section-300					
	SOR I/3.2	Cum.	337.50	314.00	105975	ONE LAKH FIVE THOUSAND NINE HUNDRED SEVENTY FIVE ONLY
139	Construction of embankment with approved materials CBR>7 deposited at site from roadway cutting and excavation from drain and foundation of other structures graded and compacted to meet requirement of table 300-1, 300-2 and as per relevent clauses of section-300.					
	SOR I/3.14	Cum.	337.50	60.00	20250	TWENTY THOUSAND TWO HUNDRED FIFTY ONLY
140	Construction of embankment with approved material having CBR>7 obtained from borrow pits with all lifts and leads, transporting to site, spreading, grading to required slope and compacting to meet requirement of table 300-1, 300-2 and as per relevent clauses of section-300.					
	SOR I/3.13	Cum	225.00	298.00	67050	SIXTY SEVEN

						THOUSAND FIFTY ONLY
141	Providing crushed stone aggregate, depositing on a prepared surface by hauling vehicles, spreading and mixing with a motor grader, watering and compacting with a vibratory roller to clause 410 to form a layer of sub-base/Base in accordance to Table No. 400-14, 400-15 and as per clause of section 407 of specifications. For 37.5 mm maximum size					
	SOR I/4.2 (ii)	Cum.	75.00	1198.00	89850	EIGHTY NINE THOUSAND EIGHT HUNDRED FIFTY ONLY
142	Construction of dry lean cement concrete Sub- base over a prepared sub-grade with coarse and fine aggregate conforming to IS: 383, the size of coarse aggregate not exceeding 25 mm, aggregate cement ratio not to exceed 15:1, aggregate gradation after blending to be as per table 600-1, cement content not to be less than 150 kg/ cum, optimum moisture content to be determined during trial length construction, concrete strength not to be less than 10 Mpa at 7 days, mixed in a batching plant, transported to site, laid with a paver with electronic sensor, compacting with 810 tonnes vibratory roller, finishing and curing as per clause 601 of specification complete in all respect.					
	SOR I/6.1	Cum.	47.00	2712.00	127464	ONE LAKH TWENTY SEVEN THOUSAND FOUR HUNDRED SIXTY FOUR ONLY

143	Construction of un-reinforced, dowel jointed, plain cement concrete pavement M-30 grade concrete over a prepared sub base with cement , coarse and fine aggregate conforming to IS 383, maximum size of coarse aggregate not exceeding 25 mm, mixed in a batching and mixing plant as per approved mix design, transported to site, laid with a fixed form or slip form paver, spread, compacted and finished in a continuous operation including provision of contraction, expansion, construction and longitudinal joints, joint filler, separation membrane, sealant primer, joint sealant, debonding strip, admixtures as approved, curing compound, finishing to lines and grades as per drawing as per IRC 15 2011 and as per relevant clauses of section 602 of specifications complete but excluding cost of steel in dowel bar and tie rods etc.					
	SOR I/6.4	Cum.	90.00	5532.00	497880	FOUR LAKH NINETY SEVEN THOUSAND EIGHT HUNDRED EIGHTY ONLY
144	Add extra in Item No.6.3, 6.4, 6.6 & 6.10 above for the cost of steel in dowel bar and tie rod including craddle, laps etc. complete required as per design. Mild steel					
	SOR I/6.8 (a)	MT	0.20	57734.00	11547	ELEVEN THOUSAND FIVE HUNDRED FOURTY SIX PAISE EIGHTY ONLY

145	Construction of Shoulders with approved material/ selected soil i/c excavation all lifts & leads i/c grading to required slope & camber of 4% and compacting using vibratory roller of 80 to 100 kN static weight to meet requirement as per relevant clause of 400. Hard Shoulders (CBR value >12)					
	SOR I/4.16 (A)	Cum.	135.00	398.00	53730	FIFTY THREE THOUSAND SEVEN HUNDRED THIRTY ONLY
	Drain					
146	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means over areas (exceeding 30cm in depth. 1.5m in width as well as 10 sqm on plan) including dressing of sides and ramming of bottom disposal of excavated earth, lead up to 50m and lift up to 1.5m, disposed earth to be levelled and neatly dressed. (No extra lift is payable if work is done by mechanical means) All kinds of soil					
	SOR I/2.6	cum	106.25	147.00	15619	FIFTEEN THOUSAND SIX HUNDRED EIGHTEEN PAISE SEVENTY FIVE ONLY
147	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work upto plinth level : With 40mm nominal size graded stone aggregate . M-7.5 Nominal Mix -1 Cement : 4 sand : 8 graded stone aggregate					
	SOR I/4.1.2.3	cum	12.50	3474.00	43425	FOURTY THREE THOUSAND FOUR HUNDRED TWENTY FIVE ONLY

148	Providing and laying in position specified grade of reinforced cement concrete (with 20mm nominal size graded stone aggregate) excluding the cost of centering, shuttering, finishing and reinforcement - All work up to plinth level . M-20 grade Concrete					
	SOR I/5.1.1	cum	33.75	6153.00	207664	TWO LAKH SEVEN THOUSAND SIX HUNDRED SIXTY THREE PAISE SEVENTY FIVE ONLY
149	Reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding including cost of binding wire all wastages and overlaps, couplers (overlaps shall be provided as per requirement of IS 13920 for ductile detailing IS 456 RCC Design & SP 34 Reinforcement detailing) etc. complete . (Note:- 1. Spacer bars (chairs) shall be paid separately as shown in the drawing and as per direction of engineer in charge. 2. No extra payment shall be done for overlaps and/or couplers. 3. Couplers shall be conforming to IS code on "Reinforcement Couplers for Mechanical Splices of Bars for Concrete Reinforcement - Specification") . Thermo-Mechanically Treated bars. (TMT/TMX) FE 500 or more conforming to IS 1786					
	SOR I/5.16.6 (Steel@ 50 kg/ Cum of RCC	kg	1687.50	80.00	135000	ONE LAKH THIRTY FIVE THOUSAND ONLY
150	Centering and shuttering in cluding strutting, propping etc. and removal of form for: Foundations, footings, bases of columns, etc. for concrete upto plinth level					
	SOR I/5.9.1	sqm	30.00	190.60	5718	FIVE THOUSAND SEVEN HUNDRED EIGHTEEN ONLY

151	Centering and shuttering in cluding strutting, propping etc. and removal of form for: Walls (any thickness) in cluding attached pilasters butter esses, plinth beams and string courses etc. Uptoplinthlevel.					
	SOR I/5.9.2.1	sqm	240.00	219.00	52560	FIFTY TWO THOUSAND FIVE HUNDRED SIXTY ONLY
152	Filling available excavated earth (excluding hard rock/Ordinary rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20cm in depth, consolidating each deposited layer by ramming and watering, lead up to 50 m and lift upto 1.5 m.					
	SOR I/2.24	cum	33.00	95.00	3135	THREE THOUSAND ONE HUNDRED THIRTY FIVE ONLY
153	Providing, hoisting and fixing up to floor two level precast reinforced cement concrete in lintels, manhole cover, shelves and like including setting in cement mortar 1:3 (1 cement : 3 sand), cost of required centering, shuttering and finishing with neat cement punning on exposed surfaces but excluding the cost of reinforcement with M 15 – Grade Concrete					
	SOR I/5.11	cum	3.75	7830.00	29363	TWENTY NINE THOUSAND THREE HUNDRED SIXTY TWO PAISE FIFTY ONLY
	(S.T. & Sewer line)					

154	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means over areas (exceeding 30cm in depth. 1.5m in width as well as 10 sqm on plan) including dressing of sides and ramming of bottom disposal of excavated earth, lead up to 50m and lift up to 1.5m, disposed earth to be levelled and neatly dressed. (No extra lift is payable if work is done by mechanical means) All kinds of soil					
	SOR I/2.6	cum	38.88	147.00	5715	FIVE THOUSAND SEVEN HUNDRED FIFTEEN PAISE THIRTY SIX ONLY
155	Extra for excavating trenches for pipes, cables etc. in all kinds of soil for depth exceeding 1.5 m, but not exceeding 3 m. (Rate is over corresponding basic item for depth up to 1.5 metre).					
	SOR I/2.10	rmt.	38.88	196.98	7659	SEVEN THOUSAND SIX HUNDRED FIFTY EIGHT PAISE FIFTY EIGHT ONLY
156	Excavating trenches of required width for pipes, cables, etc., including excavation for sockets, depth up to 1.5 m including getting out the excavated materials, refilling the soil as required in layers not exceeding 20 cm in depth including consolidating each deposited layers by ramming, watering etc. stacking serviceable material for measurements and disposal of unserviceable material as directed, within a lead of 50m : Ordinary rock : Pipes, cables etc. exceeding 80 mm dia but not exceeding 300 mm dia.					
	SOR I/2.12.1.2	rmt.	115.00	344.00	39560.00	THIRTY NINE THOUSAND FIVE HUNDRED SIXTY ONLY

157	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work upto plinth level : With 40mm nominal size graded stone aggregate . M-15 - Grade concrete					
	SOR I/4.1.2.1	cum	8.34	4403.00	36730	THIRTY SIX THOUSAND SEVEN HUNDRED TWENTY NINE PAISE EIGHTY THREE ONLY
158	Providing and laying in position specified grade of reinforced cement concrete (with 20mm nominal size graded stone aggregate) excluding the cost of centering, shuttering, finishing and reinforcement - All work up to plinth level . M-20 grade Concrete					
	SOR I/5.1.1	cum	18.17	6153.00	111788	ONE LAKH ELEVEN THOUSAND SEVEN HUNDRED EIGHTY SEVEN PAISE SEVENTY ONLY

159	Reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding including cost of binding wire all wastages and overlaps, couplers (overlaps shall be provided as per requirement of IS 13920 for ductile detailing IS 456 RCC Design & SP 34 Reinforcement detailing) etc. complete . (Note:- 1. Spacer bars (chairs) shall be paid separately as shown in the drawing and as per direction of engineer in charge. 2. No extra payment shall be done for overlaps and/or couplers. 3. Couplers shall be conforming to IS code on “Reinforcement Couplers for Mechanical Splices of Bars for Concrete Reinforcement - Specification”) . Thermo-Mechanically Treated bars. (TMT/TMX) FE 500 or more conforming to IS 1786					
	SOR I/5.16.6 Steel@ 100 kg/ Cum of RCC	kg	1817.00	80.00	145360	ONE LAKH FOURTY FIVE THOUSAND THREE HUNDRED SIXTY ONLY
160	Centering and shuttering in cluding strutting, propping etc. and removal of form for: Foundations, footings, bases of columns, etc. for concrete upto plinth level					
	SOR I/5.9.1	sqm	4.16	190.60	793	SEVEN HUNDRED NINETY TWO PAISE NINETY ONLY
161	Centering and shuttering in cluding strutting, propping etc. and removal of form for: Walls (any thickness) in cluding attached pilasters butter esses, plinth beams and string courses etc. Uptoplinthlevel.					
	SOR I/5.9.2.1	sqm	116.16	219.00	25439	TWENTY FIVE THOUSAND FOUR HUNDRED THIRTY NINE PAISE FOUR ONLY

162	Centering and shuttering in cluding strutting, propping etc. and removal of form for: Suspended floors, roofs, landings, balconies and access platform.					
	SOR I/5.9.3	sqm	16.24	439.60	7139	SEVEN THOUSAND ONE HUNDRED THIRTY NINE PAISE TEN ONLY
163	Filling available excavated earth (excluding hard rock/Ordinary rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20cm in depth, consolidating each deposited layer by ramming and watering, lead up to 50 m and lift upto 1.5 m.					
	SOR I/2.24	cum	16.27	95.00	1546	ONE THOUSAND FIVE HUNDRED FOURTY SIX PAISE THREE ONLY
164	Making soak pit 2.5 m diameter 3.0 metre deep with 45 x 45 cm dry brick honey comb shaft with bricks of class designation 75 and S.W. drain pipe 100 mm diameter, 1.8 m long complete as per standard design. With well burnt bricks					
	SOR I/19.30.1	each	1.00	20609.00	20609	TWENTY THOUSAND SIX HUNDRED NINE ONLY
165	6 mm cement plaster of mix : 1:3 (1 cement : 3 sand)					
	SOR I/13.8	sqm	65.64	144.00	9452	NINE THOUSAND FOUR HUNDRED FIFTY TWO PAISE SIXTEEN ONLY
166	Neat cement punning					
	SOR I/13.10	sqm	54.60	30.00	1638	ONE THOUSAND SIX HUNDRED THIRTY EIGHT ONLY

167	Cement concrete flooring 1:2:4 (1 cement : 2 sand : 4 graded stone aggregate) finished with a floating coat of neat cement including cement slurry, but excluding the cost of nosing of steps etc. complete.(Area of panel not to exceed 2.0 sqm). 40mm thick with 20mm nominal size stone aggregate.					
	SOR I/11.1	sqm	14.40	270.00	3888	THREE THOUSAND EIGHT HUNDRED EIGHTY EIGHT ONLY
168	Providing and fixing unplasticised Rigid PVC soil and waste pipes conforming to IS: 13592 Type B including jointing with seal ring conforming to IS : 5382 leaving 10 mm gap for thermal expansion. Single socketed pipes for working pressure of 4 kg/sqcm. (minimum wall thickness 3.2mm). 110 mm diameter					
	SOR I/ 17.58.2	rmt.	6.20	238.00	1476	ONE THOUSAND FOUR HUNDRED SEVENTY FIVE PAISE SIXTY ONLY
169	Providing and laying nonpressure NP2 class (light duty) R.C.C. pipes with collars jointed with stiff mixture of cement mortar in the proportion of 1:2 (1 cement : 2 sand) including testing of joints etc. complete : 250 mm dia. R.C.C. pipe					
	SOR I/19.8.3	rmt.	115.00	385.00	44275.00	FOURTY FOUR THOUSAND TWO HUNDRED SEVENTY FIVE ONLY
170	Providing M.S. foot rests including fixing in manholes with 20x20x10 cm cement concrete blocks 1:3:6 (1 cement : 3 sand : 6 graded stone aggregate 20 mm nominal size) as per standard design : With 20x20 mm square bar					

	SOR I/ 19.17.1	each	10.00	226.00	2260	TWO THOUSAND TWO HUNDRED SIXTY ONLY
	Drilling of T.W.					
171	Boring/drilling bore well of required dia perfectly vertical to receive casing/ strainer pipe, by suitable method prescribed in IS: 2800 (part I), including collecting samples from different strata, preparing and submitting strata chart/bore log, including hire and running charges of all equipments, tools, plants and machineries required for the job, all complete as per direction of Engineer-in-Charge, upto 90 metre depth below ground level. All types of soil upto 90 metre depth. 200 mm dia.					
	SOR I/16.1.1.3	meter	18.00	451.00	8118.00	EIGHT THOUSAND ONE HUNDRED EIGHTEEN ONLY
172	Boring/drilling bore well of required dia perfectly vertical to receive casing/ strainer pipe, by suitable method prescribed in IS: 2800 (part I), including collecting samples from different strata, preparing and submitting strata chart/bore log, including hire and running charges of all equipments, tools, plants and machineries required for the job, all complete as per direction of Engineer-in-Charge, upto 90 metre depth below ground level. Rocky strata including Boulders.Upto 90 metre depth. . 200 mm dia.					
	SOR I/16.1.2.3	meter	72.00	690.00	49680.00	FOURTY NINE THOUSAND SIX HUNDRED EIGHTY ONLY

173	Boring/drilling bore well of required dia perfectly vertical to receive casing/ strainer pipe, by suitable method prescribed in IS: 2800 (part I), including collecting samples from different strata, preparing and submitting strata chart/bore log, including hire and running charges of all equipments, tools, plants and machineries required for the job, all complete as per direction of Engineer-in-Charge, upto 90 metre depth below ground level. Rocky strata including Boulders.Upto 90 metre depth. . 200 mm dia.					
	SOR I/16.1.4.3	meter	45.00	716.00	32220.00	THIRTY TWO THOUSAND TWO HUNDRED TWENTY ONLY
174	Supplying, assembling, lowering and fixing in vertical position in bore well, unplasticized PVC medium well casing (CM) pipe of required dia, conforming to IS: 12818, including required hire and labour charges, fittings and accessories etc. all complete, for all depths, as per direction of Engineer-in-Charge. 200 mm nominal dia(minimum wall thickness 10mm).					
	SOR I/16.2.3	meter	19.00	559.00	10621.00	TEN THOUSAND SIX HUNDRED TWENTY ONE ONLY
175	Supplying, assembling, lowering and fixing in vertical position in bore well unplasticized PVC medium well screen (RMS) pipes with ribs, conforming to IS: 12818, including hire and labour charges, fittings and accessories etc. All complete, for all depths, as per direction of Engineer-in-Charge.					
	SOR I/16.3.3	meter	102.00	878.00	89556.00	EIGHTY NINE THOUSAND FIVE HUNDRED FIFTY

						SIX ONLY
176	Development of tube well in accordance with IS : 2800 (part I) and IS: 11189, to establish maximum rate of usable water yield without sand content (beyond permissible limit), with required capacity air compressor, running the compressor for required time till well is fully developed, measuring yield of well by "V" notch method or any other approved method, measuring static level and draw down etc. by step draw down method, collecting water samples and getting tested in approved laboratory, i/c disinfection of tubewell, all complete, including hire and labour charges of air compressor, tools and accessories etc., all as per requirement and direction of Engineer-in-Charge.					
	SOR I/16.7	hour	72.00	478.00	34416.00	THIRTY FOUR THOUSAND FOUR HUNDRED SIXTEEN ONLY
177	Providing and fixing suitable size threaded mild steel cap or spot welded plate to the top of bore well housing/ casing pipe, removable as per requirement, all complete for borewell of: 200 mm dia					
	SOR I/16.8.3	each	1.00	488.00	488.00	FOUR HUNDRED EIGHTY EIGHT ONLY
	Rain water					
178	Constructing soak pit 1.20x1.20x 1.20m filled with brickbats including S.W. drain pipe 100 mm diameter and 1.20m long complete as per standard design.					
	SOR I/19.31	each	1.00	3172.00	3172	THREE THOUSAND ONE HUNDRED SEVENTY TWO ONLY

179	Supplying, filling, spreading and leveling stone boulders of size range 5 cm to 20 cm, in recharge pit, in the required thickness, for all leads and lifts, all complete as per direction of Engineer-incharge.					
	SOR I/16.15	cum	0.43	760.00	328	THREE HUNDRED TWENTY EIGHT PAISE THIRTY TWO ONLY
180	Supplying, filling, spreading and leveling gravels of size range 5 mm to 10 mm, in the recharge pit, over the existing layer of boulders, in required thickness, for all leads and lifts, all complete as per direction of Engineer-in-Charge.					
	SOR I/16.16	cum	0.43	877.00	379	THREE HUNDRED SEVENTY EIGHT PAISE EIGHTY SIX ONLY
181	Supplying, filling, spreading and leveling coarse sand of size range 1.5 mm to 2 mm in recharge pit, in required thickness over gravel layer, for all leads and lifts, all complete as per direction of Engineer-inCharge.					
	SOR I/16.17	cum	0.29	819.00	236	TWO HUNDRED THIRTY FIVE PAISE EIGHTY SEVEN ONLY
182	Providing and fixing of unplasticised rigid PVC rain water harvesting filter kit including filter of 160 mm diameter wall thickness 3.2mm with PVC valve, 110 mm diameter UV protected conforming to ID: 13592 for working pressure 6 kg\sqcmTypeB capacity 40 kilo liter\hour including all accessories like unplasticied PVC pipe clips of approved design with bombay nail of required length including making good the wall etc complete for catchement area upto 200 sqm.					
	SOR I/16.20	rmt.	1.00	8679.00	8679	EIGHT THOUSAND SIX HUNDRED SEVENTY NINE

						ONLY
183	Providing and fixing unplasticised Rigid PVC soil and waste pipes conforming to IS: 13592 Type B including jointing with seal ring conforming to IS : 5382 leaving 10 mm gap for thermal expansion. Single socketed pipes for working pressure of 4 kg/sqcm. (minimum wall thickness 3.2mm)					
	[SOR I/ 17.58.2	rmt.	291.00	238.00	69258	SIXTY NINE THOUSAND TWO HUNDRED FIFTY EIGHT ONLY
184	Providing and fixing unplasticised PVC moulded fittings/ accessories for unplasticised Rigid PVC soil and waste pipes conforming to IS: 13592 Type A including jointing with seal ring conforming to IS : 5382 leaving 10 mm gap for thermal expansion. SOR I/ 17.59 SOR I/17.59.1.2 Coupler 110 mm	each	12.00	154.00	1848	ONE THOUSAND EIGHT HUNDRED FOURTY EIGHT ONLY
185	Providing and fixing unplasticised PVC moulded fittings/ accessories for unplasticised Rigid PVC soil and waste pipes conforming to IS: 13592 Type A including jointing with seal ring conforming to IS : 5382 leaving 10 mm gap for thermal expansion. SOR I/ 17.59 SOR I/17.59.3.2 Single tee with door 110x110x110 mm	each	12.00	346.00	4152	FOUR THOUSAND ONE HUNDRED FIFTY TWO ONLY
186	Providing and fixing unplasticised PVC moulded fittings/ accessories for unplasticised Rigid PVC soil and waste pipes conforming to IS: 13592 Type A including jointing with seal ring conforming to IS : 5382 leaving 10 mm gap for thermal expansion. SOR I/ 17.59 SOR I/17.59.5.2 Bend 87.50 - 110 mm bend	each	24.00	172.00	4128	FOUR THOUSAND ONE HUNDRED TWENTY EIGHT ONLY

187	Providing and fixing Unplasticised - PVC pipe clips of approved design to Unplasticised - PVC soil and waste pipes by means of bombay nail of required length including and making good the wall etc. complete. 110 mm [SOR I/ 17.60.2	each	110.00	50.00	5500	FIVE THOUSAND FIVE HUNDRED ONLY
188	Constructing brick masonry manhole in cement mortar 1:4 (1 cement : 4 sand) R.C.C. top slab with Cement Concrete 1:2:4 mix (1 cement : 2 sand : 4 graded stone aggregate 20 mm nominal size), foundation concrete 1:2:4 mix (1 cement : 2 sand : 4 graded stone aggregate 20mm nominal size) inside plastering 12mm thick with cement mortar 1:3 (1 cement : 3 sand) finished with floating coat of neat cement and making channels in cement concrete 1:2:4 (1 cement : 2 sand : 4 graded stone aggregate 20mm nominal size) finished with a floating coat of neat cement complete as per standard design. Inside size 90x80 cm and 45 cm deep including C.I. cover with frame (light duty) 455x610 mm internal dimensions total weight of cover and frame to be not less than 38 kg (weight of cover 23 kg and weight of frame 15 kg) : With well burnt bricksSOR I/19.9.1.1	each	2.00	7997.00	15994	FIFTEEN THOUSAND NINE HUNDRED NINETY FOUR ONLY
	Land Scapping					
189	Supplying and filling in plinth under floors including watering ramming consolidating in layers not exceeding 20cm in depth and dressing complete With hard muram having CBR >12 % at under floors including watering, ramming and compacting (minimum compaction 95% of MDD) in layers not exceeding 20cm in thickness and dressing complete. (Note:- maximum thickness of this layer to be provided shall be 30cm)					

	SOR I/2.27.1	cum	126.00	393.00	49518	FOURTY NINE THOUSAND FIVE HUNDRED EIGHTEEN ONLY
190	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work upto plinth level : With 40mm nominal size graded stone aggregate . M-7.5 Nominal Mix -1 Cement : 4 sand : 8 graded stone aggregate					
	SOR I/4.1.2.3	cum	21.00	3474.00	72954	SEVENTY TWO THOUSAND NINE HUNDRED FIFTY FOUR ONLY
191	Reinforced cement concrete M15 grade boundary pillars of standard design as per IRC:25-1967, fixed in position including finishing and lettering but excluding painting.					
	SOR I/8.37 Road	each	50.00	546.00	27300	TWENTY SEVEN THOUSAND THREE HUNDRED ONLY
192	Construction of cement concrete kerb with channel with top and bottom width 115 and 165 mm respectively, 250 mm high in M 20 grade PCC on M10 grade foundation 150 mm thick, kerb channel 300 mm wide, 50 mm thick in PCC M20 grade, sloped towards the kerb, kerb stone with channel laid with kerb laying machine, foundation concrete laid manually, all complete as per clause 409 Using Concrete Mixer					
	SOR I/8.2A road	<u>each</u>	35.00	495.00	17325	SEVENTEEN THOUSAND THREE HUNDRED TWENTY FIVE ONLY
193	Edging with 2nd class bricks, laid dry lengthwise, including excavation, refilling, consolidation, with a hand packing and spreading nearly surplus earth within a lead of 50 metres.					
	SOR I/11.14 road	rmt.	1.00	51.00	51	FIFTY ONE ONLY

194	Planting of trees by the road side (Avenue trees) in 0.60 m dia holes, 1 m deep dug in the ground, mixing the soil with decayed farm yard/sludge manure, planting the saplings, backfilling the trench, watering, and maintaining the plants for one year					
	[SOR I/ 11.10(ii) road	each	20.00	3750.00	75000	SEVENTY FIVE THOUSAND ONLY
195	Half brick circular tree guard, in 2nd class brick, internal diameter 1.25 metres, and height 1.2 metres, above ground and 0.20 metre below ground, bottom two courses laid dry, and top three courses in cement mortar 1:6 (1 cement 6 sand) and the intermediate courses being in dry honey comb masonry, as per design complete.					
	[SOR I/ 11.13 road	each	20.00	2488.00	49760	FOURTY NINE THOUSAND SEVEN HUNDRED SIXTY ONLY
196	Providing and laying factory made coloured chamfered edge Cement Concrete paver blocks of required strength, thickness and size/shape, made by table vibratory method using PU mould, laid in required colour and pattern over 50mm thick compacted bed of stone dust, compacting and proper embedding/laying of inter locking paver blocks into the bedding layer through vibratory compaction by using plate vibrator, filling the joints with sand and cutting of paver blocks as per required size and pattern, finishing and sweeping extra sand including locking edges with M 15 cement concrete in footpath, light traffic parking etc. complete as per direction of Engineer-in-Charge. 100mm thick C.C. paver block of M-35 grade with approved colour, design and pattern.					
	[SOR I/ 6.14 (i) road	sqm	67.50	837.00	56498	

	Point wiring (excluding metallic switch box & sheet but including switches, sockets, lamp holders/ceiling roses etc) with 1.5sq. mm. PVC insulated cable FRLS with copper multi strand conductor ISI marked in concealed rigid P.V.C. conduit (HMS) ISI marked of suitable size and 1.5sq. mm. PVC insulated FRLS copper earth continuity conductor of green colour inside conduit, screwless connector for joints etc. as required as per specification for :-					
	Light point/fan points.					
	Primary short point					
197	SOR/4.1.1.1	80	Each	451.00	36080.00	Rupees ThirtySix Thousand Eighty Only
	Primary medium point					
198	SOR/4.1.1.2	120	Each	830.00	99600.00	Rupees NinetyNine Thousand Six Hundred Only
	Primary long point					
199	SOR/4.1.1.3	405	Each	1300.00	526500.00	Rupees Five Lakh TwentySix Thousand Five Hundred Only
	3 Pin 6 Amp socket outlet on separate board					
	Short point					
200	SOR/4.1.3.1	10	Each	574.00	5740.00	Rupees Five Thousand Seven Hundred Fourty Only
	Medium point					
201	SOR/4.1.3.2	25	Each	990.00	24750.00	Rupees TwentyFour Thousand Seven Hundred Fifty Only
	Long point					
202	SOR/4.1.3.3	35	Each	1515.00	53025.00	Rupees FiftyThree Thousand TwentyFive Only

	Call bell/buzzer points					
	Long point					
203	SOR/4.1.4.3	10	Each	1183.00	11830.00	Rupees Eleven Thousand Eight Hundred Thirty Only
	Twin control light points					
	Medium point					
204	SOR/4.1.5.2	5	Each	948.00	4740.00	Rupees Four Thousand Seven Hundred Fourty Only
	Long point					
	SOR/4.1.5.3	5	Each	1453.00	7265.00	Rupees Seven Thousand Two Hundred SixtyFive Only
205	Point wiring (excluding metallic switch box & sheet but including switches, sockets) for 3 pin 6 Amp. socket outlet point with 1.5sq. mm. PVC insulated cable FRLS with copper multi strand conductor ISI marked in concealed rigid P.V.C. conduit (HMS) ISI marked of suitable size and 1.5sq. mm. PVC insulated copper earth continuity conductor of green colour inside conduit with required materials as per specification on same board.					
	SOR/4.2	150	Each	265.00	39750.00	Rupees ThirtyNine Thousand Seven Hundred Fifty Only
206	Wiring for circuit wiring with PVC insulated cable FRLS with copper multi strand conductor ISI marked in concealed rigid P.V.C. conduit (HMS) of ISI marked suitable size etc. as required as per specification					
	2x2.5 Sq.mm.					
	SOR/4.3.1	1500	Per Meter	139.00	208500.00	Rupees Two Lakh Eight Thousand Five Hundred Only
	4x2.5 Sq.mm.					

	SOR/4.3.2	1000	Per Meter	224.00	224000.00	Rupees Two Lakh TwentyFour Thousand Only
	6x2.5 Sq.mm.					
	SOR/4.3.3	750	Per Meter	288.00	216000.00	Rupees Two Lakh Sixteen Thousand Only
	8x2.5 Sq.mm.					
	SOR/4.3.4	500	Per Meter	353.00	176500.00	Rupees One Lakh SeventySix Thousand Five Hundred Only
206	Point wiring (excluding metallic switch box & sheet) for 3 Pin 16 Amp. socket outlet point with 4sq. mm. PVC insulated cable FRLS with copper multi strand conductor ISI marked in concealed rigid P.V.C. conduit (HMS) ISI marked of suitable size etc. with 20/16 Amp. F.T. switch & socket/S.S. combined 20/16/6 Amp. of ISI marked and 4sq. mm. PVC insulated FRLS copper earth continuity conductor of green colour inside conduit, screwless connector for joints as per specification for :-					
	On separate board					
	Short point					
	SOR/9.1.1.1	1	Each	985.00	985.00	Rupees Nine Hundred EightyFive Only
	Medium point					
	SOR/9.1.1.2	2	Each	1749.00	3498.00	Rupees Three Thousand Four Hundred NinetyEight Only
	Long point					
	SOR/9.1.1.3	10	Each	2612.00	26120.00	Rupees TwentySix Thousand One Hundred Twenty Only
	Extra long-l					
	SOR/9.1.1.4	15	Each	3648.00	54720.00	Rupees FiftyFour Thousand Seven Hundred Twenty Only

	Extra long-II					
	SOR/9.1.1.5	25	Each	4771.00	119275.00	Rupees One Lakh Nineteen Thousand Two Hundred SeventyFive Only
	Extra long-III					
	SOR/9.1.1.6	35	Each	5986.00	209510.00	Rupees Two Lakh Nine Thousand Five Hundred Ten Only
207	Same board switch & socket 16 Amp./S.S. combined 20/16/6 Amp					
	SOR/9.2	100	Each	437.00	43700.00	Rupees FortyThree Thousand Seven Hundred Only
208	Supply and fixing PVC conduit ISI marked FRLS along with the accessories in concealed system etc. as required					
	PVC. conduit 25 mm (HMS)					
	SOR/16.1.2	1200	Metre	74.00	88800.00	Rupees EightyEight Thousand Eight Hundred Only
	PVC. conduit 32 mm (HMS)					
	SOR/16.1.3	250	Metre	115.00	28750.00	Rupees TwentyEight Thousand Seven Hundred Fifty Only
209	Supplying and fixing of approved make modular type G.I. metal box 1.2mm minimum thick and depth 50mm for single row boxes and 60mm depth for two/three row boxes earth terminal stud with nut and washer with modular base and cover plate including fixing in concealed etc. as required for:-					
	1Or 2 Module metal box					
	SOR/18.2.1	10	Each	182.00	1820.00	Rupees One Thousand Eight Hundred Twenty Only
	3 Module metal box					
	SOR/18.2.2	50	Each	216.00	10800.00	Rupees Ten Thousand Eight Hundred Only
	4 Module metal box					

	SOR/18.2.3	10	Each	244.00	2440.00	Rupees Two Thousand Four Hundred Forty Only
	6 Module metal box					
	SOR/18.2.4	80	Each	309.00	24720.00	Rupees TwentyFour Thousand Seven Hundred Twenty Only
	8/9 Module metal box					
	SOR/18.2.5	10	Each	373.00	3730.00	Rupees Three Thousand Seven Hundred Thirty Only
	12 Module metal box					
	SOR/18.2.6	60	Each	502.00	30120.00	Rupees Thirty Thousand One Hundred Twenty Only
	18 Module metal box					
	SOR/18.2.8	20	Each	642.00	12840.00	Rupees Twelve Thousand Eight Hundred Forty Only
210	Supplying and drawing single core PVC insulated cable FRLS with copper multi strand conductor ISI marked in existing rigid PVC casing and capping/conduit in surface or concealed as per specification.					
	1.5 sq. mm. wire					
	1 X 1.5 sq. mm					
	SOR/19.1.1.1	2000	Metre	19.00	38000.00	Rupees ThirtyEight Thousand Only
	3 X 1.5 sq. mm.					
	SOR/19.1.1.3	1200	Metre	56.00	67200.00	Rupees SixtySeven Thousand Two Hundred Only
	2.5 sq. mm. wire					
	1 X 2.5 sq. mm.					
	SOR/19.1.2.1	1000	Metre	30.00	30000.00	Rupees Thirty Thousand Only

	2 X 2.5 sq. mm.					
	SOR/19.1.2.2	750	Metre	60.00	45000.00	Rupees FortyFive Thousand Only
	3 X 2.5 sq. mm.					
	SOR/19.1.2.3	450	Metre	90.00	40500.00	Rupees Fourty Thousand Five Hundred Only
	4 X 2.5 sq. mm.					
	SOR/19.1.2.4	150	Metre	120.00	18000.00	Rupees Eighteen Thousand Only
	4.00 sq. mm. wire					
	3 X 4.00 sq. mm.					
	SOR/19.1.3.3	50	Metre	134.00	6700.00	Rupees Six Thousand Seven Hundred Only
	6.00 sq. mm. wire					
	1 X 6.00 sq. mm					
	SOR/19.1.4.1	100	Metre	68.00	6800.00	Rupees Six Thousand Eight Hundred Only
	10.00 sq. mm. wire					
	1 X 10.00 sq. mm					
	SOR/19.1.5.1	350	Metre	111.00	38850.00	Rupees ThirtyEight Thousand Eight Hundred Fifty Only
211	Wiring for sub-mains with PVC insulated cable FRLS with copper multi strand conductor ISI marked in recessed/concealed rigid PVC conduit (HMS) FRLS ISI marked of suitable size (conduit included) including 2mm thick accessories, connection etc, as required as per specification. (Refer General Notes for Classification of Conduit Wiring Point No.11)					
	4 Wire sub main					

	6.0 sq. mm. cable					
	SOR/23.1.4.3	100	Metre	398.00	39800.00	Rupees ThirtyNine Thousand Eight Hundred Only
	10.0 sq. mm. cable					
	SOR/23.1.4.4	350	Metre	601.00	210350.00	Rupees Two Lakh Ten Thousand Three Hundred Fifty Only
212	Supply & fixing of I.S.I.marked Porecelain Rewireable fuse unit of approved make or confirming to I.S.S. 2086-1982					
	63 Amps /415 Volts					
	SOR/25.16.4	30	Each	309.00	9270.00	Rupees Nine Thousand Two Hundred Seventy Only
	100 Amps /415 Volts					
	SOR/25.16.5	30	Each	548.00	16440.00	Rupees Sixteen Thousand Four Hundred Fourty Only
213	Supplying of ISI marked and approved make of moulded case circuit breaker (MCCB) suitable for 3 phase & N, 4 pole, 50 Hz, 415 Volts, (Ics=100%Icu) AC supply with thermal-magnetic release having respective breaking capacity (KA) at 415 Volts cited against their range standard conforming to IS/IEC 60947-2					
	MCCB 25kA current rating - 125Amp & adjustable overload setting 80% -100% of In, adjustable short circuit setting 6-10 In 4 Pole					
	SOR/27.3.2	2	Each	11593.00	23186.00	Rupees TwentyThree Thousand One Hundred EightySix Only
214	MCCB 25kA current rating - 160Amp & adjustable overload setting 80% -100% of In, adjustable short circuit setting 6-10 In 4 Pole					
	SOR/27.3.3	3	Each	15835.00	47505.00	Rupees FourtySeven Thousand Five Hundred Five Only

215	MCCB 25kA current rating - 200 Amp & adjustable overload setting 80% -100% of In, adjustable short circuit setting 6-10 In 4 Pole					
	SOR/27.3.4	2	Each	19695.00	39390.00	Rupees ThirtyNine Thousand Three Hundred Ninety Only
216	Supply of ISI marked and accepted standard of miniature circuit breaker (MCB) of 'C' series with short circuit indication, suitable for 240/415 Volts,50 Cycle, 10 kA/15 kA Value AC supply conforming to IS : 8828 : 1996, IEC : 60898 :2002 & 60947-2 but without enclosures :-					
	Single pole					
	MCB SP 6Amp to 32Amp 10kA rating					
	SOR/27.8.1.2	200	Each	263.00	52600.00	Rupees FiftyTwo Thousand Six Hundred Only
	For Triple pole					
	MCB TP 50Amp to 63Amp 10kA rating					
	SOR/27.8.3.4	16	Each	2157.00	34512.00	Rupees ThirtyFour Thousand Five Hundred Twelve Only
	Four pole					0
	MCB FP 50Amp to 63 Amp 10kA rating					0
	SOR/27.8.4.4	12	Each	2795.00	33540.00	Rupees ThirtyThree Thousand Five Hundred Fourty Only
217	Supplying of approved make TPN MCB DB metal double door IP 43 protection with provision for FP MCB/ Isolator/ RCCB/ RCBO as incomer and SP MCBs as outgoing inclusive of busbar, neutral bar, earth bar, connection copper wire not less than 16 sq.mm & two earth terminals etc. complete as per IS:13032(exclusive of MCB & isolator):					
	4 Way (4+12)					

	SOR/27.12.1	6	Each	5126.00	30756.00	Rupees Thirty Thousand Seven Hundred FiftySix Only
	6 Way (8+18)					
	SOR/27.12.3	6	Each	5526.00	33156.00	Rupees ThirtyThree Thousand One Hundred FiftySix Only
218	Supplying of approved make, powder coated metal double door vertical TPN MCB DB IP 43 protection with provision for MCCB upto160A TP/FP 36kA as incomer and space for SP/TP MCBs as outgoing (without MCCB/MCBs) inclusive of busbar & connections etc					
	8 Way without MCCB					
	SOR/27.14.3	2	Each	15989.00	31978.00	Rupees ThirtyOne Thousand Nine Hundred SeventyEight Only
219	Supplying & fixing of approved make Industrial type metal plug & socket DBs (without MCB) SPN sheet enclosure (dust protected) inclusive of 2 pole and earth metal plug and socket and space to incorporate SP MCB complete as per specification as required.					
	20 Amp					0
	SOR/27.18.2	20	Each	1095.00	21900.00	Rupees TwentyOne Thousand Nine Hundred Only
220	Fixing of MCB/MCCB/Isolator in sheet steel enclosure as required as per accepted practice, including mounting on busbar and cable connection etc. complete (labour only)					
	MCB/Isolator SP/DP					
	SOR/28.4.1	200	Each	22.00	4400.00	Rupees Four Thousand Four Hundred Only
	MCB/MCCB Isolator TP/TPN/FP					

	SOR/28.4.2	35	Each	28.00	980.00	Rupees Nine Hundred Eighty Only
221	Labour charges for fixing sheet steel enclosures, MCB/MCCBDB flush mounting type, as per accepted practice, duly embedded and end plate completely flushed in wall, cable connection etc. complete :-					
	For item no :-					
	27.11.1 to 27.11.7 ; 27.12.1 to 27.12.3 & 27.13.1					
	SOR/28.8.1	9	Each	268.00	2412.00	Rupees Two Thousand Four Hundred Twelve Only
	27.12.4 & 27.12.5 ; 27.13.2 to 27.13.4 ; 27.14.1 to 27.14.4 & 27.15.1 to 27.15.4					
	SOR/28.8.2	2	Each	297.00	594.00	Rupees Five Hundred NinetyFour Only
222	Supply and fixing as per specification call bell/buzzer of approved make with necessary materials complete.					
	Ding dong bell					
	SOR/29.3.3	10	Each	185.00	1850.00	Rupees One Thousand Eight Hundred Fifty Only
223	Supply and fixing in position LED lamp of approved make					
	9 Watt250Volt					
	SOR/29.7.5	50	Each	110.00	5500.00	Rupees Five Thousand Five Hundred Only
	15 Watt250Volt					
	SOR/29.7.7	50	Each	223.00	11150.00	Rupees Eleven Thousand One Hundred Fifty Only
224	Supply and fixing of approved make step type modular electronic fan regulator including connection etc. as required on existing board					
	100 Watt(2 module)					

	SOR/29.25.2	225	Each	484.00	108900.00	Rupees One Lakh Eight Thousand Nine Hundred Only
225	Supply, fixing, testing & commissioning wall/floor mounted LT panel primer coated with powder coated paint & provided with required gasket for dust/vermin proof with degree of protection IP42 suitable for 415Volt 3 phase, 50 Hz, 4 wire system fabricated out of CRCA sheet upto 2 mm thick (1.6 mm for doors) duly compartmentalized for incomer, bus section, outgoing, cable alleys & CT, PT Ampere Metre, Volt Metre, selector switches, frequency Metre, phase indicating lamp, Energy Metre complete including cost of busbar supports, detachable cable gland plates, 2 earthing terminals, internal wiring & fixing of separately supplied MCBs, MCCBs, ACB, panel mounted changeover switch/SFUs, etc. as required but excluding cost of busbar strips, Ampere Metre, Volt Metre, selector switch as per approved design & specification					
	SOR/29.27	500	Kg	397.00	198500.00	Rupees One Lakh NinetyEight Thousand Five Hundred Only
226	Supply and fixing of LT panel accessories of approved make in existing LT panel including connections etc. as required as per specification.					
	Digital Ampere Metre with CTs with selector switch					
	SOR/29.28.1	1	P.SET	2125.00	2125.00	Rupees Two Thousand One Hundred TwentyFive Only
	Digital Volt Metre with selector switch & HRC fuse					
	SOR/29.28.2	1	P.SET	2398.00	2398.00	Rupees Two Thousand Three Hundred NinetyEight Only
	Frequency Metre					
	SOR/29.28.3	1	Each	1435.00	1435.00	Rupees One Thousand Four Hundred ThirtyFive Only

	Aluminium bus bar strips with PVC sleeves					
	SOR/29.28.6	50	Kg	284.00	14200.00	Rupees Fourteen Thousand Two Hundred Only
	LED lamp indicator					
	SOR/29.28.7	3	Each	255.00	765.00	Rupees Seven Hundred SixtyFive Only
227	Supplying and fixing of capacitor duty contactor of approved make in existing power factor/LT panel including connections etc.as required as per specification.					
	For 20 kVAR 440V,3Ph,50Hz, Aux contact-1NO					
	SOR/29.29.7	3	Each	2948.00	8844.00	Rupees Eight Thousand Eight Hundred FourtyFour Only
228	Supplying, erection and testing of approved make electric Ceiling fan of double ball bearing complete with standard down rod, canopy, hanging shackle, Aluminium blades, without regulator, A.C. 230-250 volts including connections with all necessary material complete of approved as required confirming to IS :374/2019 with upto date amendments.					
	Ceiling Fan (ISI marked)-1200 mm Sweep, with minimum air delivery 210 m ³ /min and service value ≥ 4.00 as per BEE..					
	SOR/30.1.2	220	Each	2292.00	504240.00	Rupees Five Lakh Four Thousand Two Hundred Fourty Only
	Ceiling Fan (ISI marked)-1400 mm Sweep, minimum air delivery 245 m ³ /min and service value ≥ 4.10 as per BEE.					
	SOR/30.1.3	5	Each	2540.00	12700.00	Rupees Twelve Thousand Seven Hundred Only
229	Supplying, erection and testing of approved make wall mounting fan oscillating type with base, blades, guard, speed regulator etc. AC 230-250 volts with connections and including					

	raw bolt/anchor hole fastener etc. complete finished and as required.					
	300 mm sweep					
	SOR/30.2.1	10	Each	2478.00	24780.00	Rupees TwentyFour Thousand Seven Hundred Eighty Only
230	Supplying and fixing of deluxe fresh air fan with louvers (ventilating fan) with self-closing louvers of decorative PVC blades mounting square frame of approved make complete with all necessary material as required					
	150mm RPM1300/1400					
	SOR/30.5.1	15	Each	1406.00	21090.00	Rupees TwentyOne Thousand Ninety Only
231	Supplying, erecting and testing of approved make exhaust fan heavy duty with mounting frame, blades AC 230- 250 complete connection and including, frame bolt/anchor hole fasteners etc. complete finished and as required.					
	300mm sweep RPM 900 / 1400					
	SOR/30.6.1	5	Each	2571.00	12855.00	Rupees Twelve Thousand Eight Hundred FiftyFive Only
232	Supplying and fixing of cooler/A.C. M.S. angle iron stand including flat iron supports, grouting in wall if required, welding,					
	SOR/30.12	50	Kg	92.00	4600.00	Rupees Four Thousand Six Hundred Only
233	Supply and fixing M.S. down rod 14 SWG (2mm) thick for ceiling fan including threading, painting, making holes etc. as required complete. Note: For new works difference of installed & standard down rod length shall be paid.					
	SOR/30.13	50	Meter	114.00	5700.00	Rupees Five Thousand Seven Hundred Only

234	Supply and fixing Led tube rod comprising of LED tube with non-integral/integral driver, upto 6500K color temp having 40000 burning hrs life with minimum @ L 70, system lumen output should be minimum with system efficacy > 100 lm/Watt. LED driver PF > 0.95 & THD < 20%. The colour rendering index of LED light should be more than 70. Submission LM 79-08/IS16106 (2012), IEC60598, IEC61347i/c connection wire, testing etc. to complete the job.					
	Tube light LED 1 X 8/10Watt Integral i/c batten aluminium body, PC diffuser.					
	SOR/31.3.3	10	Each	502.00	5020.00	Rupees Five Thousand Twenty Only
235	Tube light LED 1 X 20/22Watt, Integral i/c batten aluminium body, PC diffuser.					
	SOR/31.3.4	350	Each	782.00	273700.00	Rupees Two Lakh SeventyThree Thousand Seven Hundred Only
236	Supply and fixing of recessed mounting type Led light fixture, LED of 1 to 3 Watt each assembled on single MCPCB, having color temp upto 6500K & having 50000 burning hrs life with minimum @ L 70, system lumen output should be minimum with efficacy > 100 lm/Watt. LED driver PF > 0.95, THD < 20% & surge protection 4KV. The colour rendering index of LED light should be more than 70. Housing made of CRCA powder coated frame with glare free diffused polycarbonate cover. Submission LM 79-08/IS16106 (2012), IEC60598, IEC61347i/c connection wire, testing etc. to complete the job.					
	LED luminaire 2' X 2', 36Watt, color temp 3000-6500k as required.					0
	31.4.1	20	Each	3103.00	62060.00	Rupees SixtyTwo Thousand Sixty Only
237	Supply and fixing surface mounting LED down lighter, LED of 1 to 3Watt each					

	assembled on single MCPCB, having color temp upto 6500K & having 50000 burning hrs. life with minimum @ L 70, system lumen output should be minimum with efficacy>100 lm/Watt. LED driver PF > 0.95, THD < 20% & surge protection 4KV. The colour rendering index of LED light should be more than 70. Housing made of pressure die cast aluminium/CRCA powder coated frame with glare free diffused polycarbonate cover. Submission LM 79-					
	14/15 Watt, color temp 3000-6500k as required.					
	SOR/31.7.4	50	Each	1400.00	70000.00	Rupees Seventy Thousand Only
238	Supply and fixing street light with high power LED of 3 to 6 Watt each on existing bracket assembled on single MCPCB and additional unique peanut lens on each LED, system lumens output with efficacy>120 lm/Watt. luminaire having color temp upto 6500K & 50000 hrs. burning life with minimum @ L 70, The colour rendering index of LED light should be more than 70. Luminaire comprises of driver, PF> 0.95 & surge protection 10KV. Housing made of pressure die cast aluminium with heat resistant flat glass, IP65 protection. Submission LM 79-08/IS16106 (2012), IEC60598, IEC61347 i/c connection wire, testing etc. to complete the job.					
	40Watt to 48Watt, color temp 3000-6500k as required.					0
	SOR/31.13.1	20	Each	6105.00	122100.00	Rupees One Lakh TwentyTwo Thousand One Hundred Only
239	Providing and fixing circular/hexagonal cast iron or M.S. sheet box for ceiling fan clamp of internal dia 140mm, 73mm height, top lid of 1.5mm thick M.S. sheet with its top surface hacked for proper bonding, top lid shall be screwed into the cast iron/M.S. sheet box by mean of 3.3mm dia. round					

	headed screws, one lock at the corners. Clamp shall be made of 12mm dia M.S. bar bent to shape as per standard drawing.					
	SOR/32.3	225	Each	90.00	20250.00	Rupees Twenty Thousand Two Hundred Fifty Only
240	Earthing with G.I. earth plate 600mm X 600mm X 6mm thick including accessories and providing masonry encloser in cement mortar, cover plate having locking arrangement on the top and G.I. watering pipe 20mm dia 2.7 metre long etc. (but without charcoal or coke and salt) complete as required					
	SOR/37.3	6	Each	7487.00	44922.00	Rupees FortyFour Thousand Nine Hundred TwentyTwo Only
241	Add extra for using salt and charcoal/coke for G.I. plate or copper plate earth electrode as required including excavation and refilling the pit in all type of soil, murrum					
	SOR/37.5	6	Each	1655.00	9930.00	Rupees Nine Thousand Nine Hundred Thirty Only
242	Providing and fixing 25mm X 5mm G.I. strip on surface or in recessed for connection etc. as required					
	SOR/37.16	50	Metre	130.00	6500.00	Rupees Six Thousand Five Hundred Only
243	Supply and laying G.I. earth lead duly installed on wall or in G.I. Pipe including connection etc. complete as required.					
	13 sq. mm. (4 mm dia)					
	SOR/37.36.1	25	Metre	26.00	650.00	Rupees Six Hundred Fifty Only
244	Supplying and drawing co-axial T.V. cable RG-6 Grade, 0.7 mm solid copper conductor PE insulated, shielded with fine tined copper braid and protected with PVC sheathed in existing surface/concealed, steel/PVC conduit as required.					
	SOR/38.1	20	Metre	30.00	600.00	Rupees Six Hundred Only

245	Supplying and drawing following pair, 0.5 mm PVC insulated copper conductor unarmoured telephone cable in existing surface/concealed, steel/PVC conduit as required.					
	Telephone wire 0.5 mm, 2 Pair					
	SOR/38.2.2	50	Metre	36.00	1800.00	Rupees One Thousand Eight Hundred Only
246	Supply, fixing and testing of RJ 11 telephone jack modular (1 Module)					
	SOR/38.6	5	each	174.00	870.00	Rupees Eight Hundred Seventy Only
247	Supply, fixing and testing of T.V. outlet modular (1Module)					
	SOR/38.8	5	each	175.00	875.00	Rupees Eight Hundred SeventyFive Only
248	Supply, installation testing and commissioning RJ - 45 computer jack cat 6 with shutter modular (1Module)					
	RJ - 45 computer socket cat 6 with shutter modular (1Module)					
	SOR/38.9.1	75	each	288.00	21600.00	Rupees TwentyOne Thousand Six Hundred Only
249	Supplying and drawing 4 pair shielded twisted pair (STP), 0.5 mm PVC insulated copper conductor un-armoured Cat-6 computer cable FRLS in existing surface/concealed, steel/PVC. conduit/ casing-n-capping as required.					
	SOR/38.12	2000	Metre	104.00	208000.00	Rupees Two Lakh Eight Thousand Only
250	Supply, installation testing and commissioning of patch cord as mentioned below :-					
	CAT 6 RJ45 patch cord UTP 1 metre					
	SOR/38.13.1	20	each	436.00	8720.00	Rupees Eight Thousand Seven Hundred Twenty Only
	CAT 6 RJ45 patch cord UTP 2 metre					
	SOR/38.13.2	20	each	548.00	10960.00	Rupees Ten Thousand Nine Hundred Sixty Only

251	Supply, installation testing and commissioning of 19" modular patch - 1 U patch panel 24, RJ 45 cat-6 connector					
	SOR/38.15	2	each	11792.00	23584.00	Rupees TwentyThree Thousand Five Hundred EightyFour Only
252	Supply, installation testing and commissioning of wall mounting rack, for computer switches complete as mentioned below :-					
	9U cabinet 500X600X500, wall mounting with 6 point 5 Amp. socket power supply strip and fan, tray.					
	SOR/38.17.2	5	each	13087.00	65435.00	Rupees SixtyFive Thousand Four Hundred ThirtyFive Only
253	12U cabinet with min. Dimension 590X600X600, wall mounting with 6 point 5 Amp. socket power supply strip, and fan, cable manager, tray as per Site requirement					
	SOR/38.17.3	5	each	18211.00	91055.00	Rupees NinetyOne Thousand FiftyFive Only
254	SITC OF Gigabit Unmanaged Desktop Switch					
	8-Port Gigabit Unmanaged Desktop Switch. Fast and Reliable Networking. 1000Base-T Interface : 8. Auto MDI/MDIX .Switching Capacity : 16 Gbps. Operation Temperature 0 ~ 40 °C. Power Input AC : 100 ~ 240 V.					
	SOR/38.20.2	1	Each	4424.00	4424.00	Rupees Four Thousand Four Hundred TwentyFour Only
255	24-Port Gigabit Unmanaged Desktop Switch. Full wire-speed data transmission. Energy-efficient design. 1000Base-T Interface : 24. Auto MDI/MDIX .Switching Capacity : 48 Gbps. Operation Temperature 0 ~ 40 °C. Power Input AC : 100 ~ 240 V.					
	SOR/38.20.4	1	Each	15279.00	15279.00	Rupees Fifteen Thousand Two Hundred SeventyNine Only

256	Supply of XLPE insulated power cable (conforming IS-7098 Part-I) 1100 Volt grade, 1 core/2 core/3½ core/4 core ISI marked with alu. stranded /solid conductor					
	3½ core armoured					
	70 sq. mm					
	SOR/41.1.8.4	150	Metre	500.00	75000.00	Rupees SeventyFive Thousand Only
	95 sq. mm					
	SOR/41.1.8.5	150	Metre	625.00	93750.00	Rupees NinetyThree Thousand Seven Hundred Fifty Only
	150 sq. mm.					
	SOR/41.1.8.7	100	Metre	904.00	90400.00	Rupees Ninety Thousand Four Hundred Only
	4 core armoured					
	10 sq. mm					
	SOR/41.1.10.2	50	Metre	181.00	9050.00	Rupees Nine Thousand Fifty Only
	16 sq. mm					
	SOR/41.1.10.3	50	Metre	218.00	10900.00	Rupees Ten Thousand Nine Hundred Only
	Brass compression gland					
257	Supplying and fixing heavy duty cable gland for P.V.C. insulated armoured cable with brass washer, rubber ring complete erected with cable and lead connection etc. as per specification complete.					
	Gland size 38 mm 3½ x 70 sq. mm, 3x95 sq. mm					
	SOR/41.5.1.5	50	Each	219.00	10950.00	Rupees Ten Thousand Nine Hundred Fifty Only
	Gland size 50 mm ,3½ x 150 sq. mm,3 x 185 sq. mm					

	SOR/41.5.1.7	20	Each	290.00	5800.00	Rupees Five Thousand Eight Hundred Only
258	Supplying and fixing crimping type alum. lugs as per I.S.S. specification suitable for following size of cable with alu./copper solid/stranded conductor evenly crimped with high/pressure tool and connected to switch gear/bus/M.C.C.B./M.C.B. etc. as required complete.					
	6mm to 16 sq. mm					
	SOR/41.7.1	10	Each	8.00	80.00	Rupees Eighty Only
259	Supplying & installing G.I. pipe for protection of underground cable fixed on wall/support/in trench/fixed between two rigid existing support of wall/beam for erection of ceiling Fan/down rod for stiff pendent for light luminaries /fan/protective for earthing, lightening conductor down strip/overhead service line/for submersible cable or centrifugal pump for water supply with necessary iron clamp coupler, bend, tee, elbow, nuts and bolts etc. complete in an approved manner as required to complete excluding cost of excavation/dismantling & other finished masonry Item complete.					
	For 'B' class pipe ISI marked (IS-1161-68)					
	40.00mm					
	SOR/41.12.1.5	50	Metre	423.00	21150.00	Rupees TwentyOne Thousand One Hundred Fifty Only
	100.00mm					
	SOR/41.12.1.9	100	Metre	1256.00	125600.00	Rupees One Lakh TwentyFive Thousand Six Hundred Only
260	Laying of underground cable armoured./unarmoured as per specification in air suspended on existing approved type of iron clamp, G.I wire 7/1.6mm & shackle					

	insulator/insulated strip complete.					
	1/2/3/4 Core cable upto 16 sq. mm					
	SOR/41.20.1	100	Metre	25.00	2500.00	Rupees Two Thousand Five Hundred Only
	1/2/3/3½/4 Core cable 25 sq. mm to 120 sq. mm					
	SOR/41.20.2	300	Metre	40.00	12000.00	Rupees Twelve Thousand Only
	1/2/3/3½/4 Core cable 150 sq. mm and above					
	SOR/41.20.3	100	Metre	66.00	6600.00	Rupees Six Thousand Six Hundred Only
261	Supply and erection of hot dip G.I. cable tray perforation not more than 17.5% for specific dimensions along with tees, bends. The cable tray shall be hang from ceiling/ fixed to wall with necessary angle/flat iron/hanging rod, for ceiling suspensions, clamp, anchor fastener, nuts, bolts, washers, not more than 1.0 mtr. apart complete as per specification to complete the job. The tray shall be as follows :-					
	100 x 50 x 1.6mm thick					
	SOR/41.24.1	150	Metre	586.00	87900.00	Rupees EightySeven Thousand Nine Hundred Only
	150 x 50 x 1.6mm thick					
	SOR/41.24.2	150	Metre	699.00	104850.00	Rupees One Lakh Four Thousand Eight Hundred Fifty Only
262	Supply of XLPE insulated 1.5 sq. mm. Armoured 2 core FRLSZH fire alarm cable (RED) Fire Survival Cable conforming IS-7098 (Part-1) 1988, 1100 Volt grade, 2/3/4/8/10/12 core ISI marked with copper stranded/solid conductor.					
	SOR/41.28	60	Metre	154.00	9240.00	Rupees Nine Thousand Two Hundred Fourty Only

263	Dismantling of existing H- Beam/RS Joist/PCC/Rail pole i/c accessories such as cross arms, top clamp, V- cross arms, strut, stay & conductor/cable/guarding span complete. The material should be transport & handed over to MPMKVVCL/PWD store.					
	SOR/42.112	5	Each Pole	1457.00	7285.00	Rupees Seven Thousand Two Hundred EightyFive Only
	RO WATER COOLER WORK					
264	Supply, installation, testing & commissioning of Water Cooler with Eco Friendly Refrigerant, IN-SITU PUF Insulation, Anti-corrosive Pre coated Body with storage of required capacity WATER COOLER 80 LITRE					
	SOR/57.3.3	5	Each	32525.00	162625.00	Rupees One Lakh SixtyTwo Thousand Six Hundred TwentyFive Only
265	Supply, installation, testing & commissioning of Domestic water purifier having RO+UV+MTDS with one number prefilter having minimum water purifying capacity of 16 Ltrs per Hour storage . Installation Type- Wall Mounted/Table Top, suitable for hardness upto 2000mg/L operating input voltage 150-250V AC/50Hz.					
	SOR/57.4	5	Each	24840.00	124200.00	Rupees One Lakh TwentyFour Thousand Two Hundred Only
	INVERTER					
266	Supply, installation, testing and commissioning of Pure sine wave Inverter , Display Indications (Status, Fault conditions and Battery Charging) ,Standard Voltage range from 100 V~ 300 V , High Peak Current Handling Capability & High Voltage Surge Protection excluding battery and wiring for connections. 1-1.05 KVA					

	SOR/47.4.2	3	Each	7791.00	23373.00	Rupees TwentyThree Thousand Three Hundred SeventyThree Only
267	Supply, installation, testing and commissioning of 12/24 V Battery system in series/parallel combinations or as single as per requirement including interconnection wiring, lugs and other required material as required with mounting stand/trolley, warranty period: Minimum 3 year 110/120 AH, Tall Tubular					
	SOR/47.5.1	6	Each	14691.00	88146.00	Rupees EightyEight Thousand One Hundred FourtySix Only
	FIREFIGHTING CIVIL SOR WORKS					
268	Providing laying, testing and commissioning of 'C' class heavy duty MS pipe confirming to IS 1239/3589 i/c fittings like elbows, tees, flanges, reducer, jointing with nuts bolts, gaskets and welding etc. and fixing the pipe on wall/ceiling with suitable hangers, clamps, supports, as required and painting with two or more coats of synthetic. Enamel paint of required shade complete as directed by Engineering-in-Charge.					
	100 mm dia					
	SOR/26.2.3	80	Meter	1527.00	122160.00	Rupees One Lakh TwentyTwo Thousand One Hundred Sixty Only
	80 mm dia					
	SOR/26.2.4	5	Meter	1060.00	5300.00	Rupees Five Thousand Three Hundred Only
	50 mm dia					
	SOR/26.2.6	10	Meter	676.00	6760.00	Rupees Six Thousand Seven Hundred Sixty Only
	25 mm dia					

	SOR/26.2.9	5	Meter	356.00	1780.00	Rupees One Thousand Seven Hundred Eighty Only
269	Providing and fixing single headed hydrant valve with instantaneous female Gun metal couplings of required dia with cast iron wheel ISI marked conforming to IS 5290 (Type - A) with blank gunmetal cap and chain, adopter as required complete as directed by Engineer-in-Charge.					
	63mm dia					
	SOR/26.3.1	8	each	6700.00	53600.00	Rupees FiftyThree Thousand Six Hundred Only
270	Providing fixing, including testing and commissioning the following size of flanged type sluice valve of cast iron body and bronze/ gun metal seat confirming to class PN 1.6 of IS: 14846/IS: 780 complete with bolts and nuts, rubber insertions etc. as per specification complete as required					
	100 mm dia					
	SOR/26.5.3	4	each	2998.00	11992.00	Rupees Eleven Thousand Nine Hundred NinetyTwo Only
	80 mm dia					
	SOR/26.5.4	8	each	2399.00	19192.00	Rupees Nineteen Thousand One Hundred NinetyTwo Only
	50 mm dia					0
	SOR/26.5.6	2	each	1500.00	3000.00	Rupees Three Thousand Only
271	Providing, fixing, testing and commissioning of butterfly valve PN 1.6, with Bronze/Gunmetal seat duly ISI marked complete with Nuts, Bolts, washers, gaskets, confirming to IS 13095, of following sizes as required					
	100 mm dia					

	SOR/26.6.3	4	each	4500.00	18000.00	Rupees Eighteen Thousand Only
	80 mm dia					
	SOR/26.6.4	8	each	3400.00	27200.00	Rupees TwentySeven Thousand Two Hundred Only
	50 mm dia					
	SOR/26.6.6	2	each	1925.00	3850.00	Rupees Three Thousand Eight Hundred Fifty Only
272	Providing and fixing orifice plate made of 6mm thick stainless steel with orifice of required size in between flanged and landing valve of external and internal hydrant to reduce pressure to working pressure of 3.5 kg/cm complete as per specification required.					
	SOR/26.7	2	each	1195.00	2390.00	Rupees Two Thousand Three Hundred Ninety Only
273	Providing, installation, testing and commissioning of dual plate non-return valve of following sizes confirming to IS 5312 complete with rubber gasket, GI bolts, nuts, washers etc. as required.					
	100 mm dia					
	SOR/26.8.3	1	each	4900.00	4900.00	Rupees Four Thousand Nine Hundred Only
	80 mm dia					
	SOR/26.8.4	1	each	4000.00	4000.00	Rupees Four Thousand Only
274	Providing, installation, testing and commissioning stainless steel strainer fabricated out of 1.6 mm thick stainless steel sheet with 3 mm dia holes with stainless steel flange.100 mm dia					
	SOR/26.9.2	1	each	6631.00	6631.00	Rupees Six Thousand Six Hundred ThirtyOne Only
275	Supplying and fixing dia,15m long, RRL hose pipe with following diamale and female gun metal couplings duly binded with GI wire, rivets etc.					

	confirming to IS 636 (type-A) as required. 63 mm dia					
	SOR/26.11.2	12	each	5510.00	66120.00	Rupees SixtySix Thousand One Hundred Twenty Only
276	Providing and fixing first -Aid hose reel with MS construction spray painted in post office red, confirming to IS 884 with up to date amendments, complete with the following as required.) (a) 30-36m long 20mm (nominal internal) dia water hose thermoplastic (textile reinforced) type -2 as per IS 12585 (b) 20mm (nominal internal) dia gun metal globe valve and nozzle. (c) Drum and brackets for fixing the equipments on wall. (d) Connections from riser with 40 mm dia stop valve (gun metal) and M.S. pipe					
	SOR/26.12	4	each	6065.00	24260.00	Rupees TwentyFour Thousand Two Hundred Sixty Only
277	Providing and fixing hose cabinet of size 700x600x300mm made of 16 gauge thick MS sheet with 4 mm thick float glass doors in front painted "FIRE" in red paint i/c necessary locking arrangement suitable to accommodate external hydrant with butterfly valve 2 nos. 15m Long hose pipe, 1 no branch pipe mounted on wall or raised brick platform & duly painted with post office red externally and white internally with synthetic enamel paint complete in all respects for external hydrant, as directed by Engineer-in-Charge.					
	SOR/26.14	4	each	4000.00	16000.00	Rupees Sixteen Thousand Only
278	Providing and fixing 63mm gun metal branch pipe with 20mm (nominal internal diameter) size gun metal nozzle conforming to IS 903, suitable for instantaneous connection, to interconnect hose pipe coupling as required					
	SOR/26.15	2	each	2510.00	5020.00	Rupees Five Thousand Twenty Only

279	Providing and fixing 2 way fire brigade connection (FBC) of CI body with 2 nos. gun metal male instantaneous inlet couplings complete with cap and chain as required. For 150mm dia MS pipe connection, confirming to IS 904 as required.					
	SOR/26.17	1	each	6000.00	6000.00	Rupees Six Thousand Only
280	Providing and fixing air vessel made of 250mm dia, 8mm thick MS sheet, 1200mm in height with air release valve on top and flanged connection to riser, drain arrangement with 25 mm dia Gunmetal wheel valve, with required accessories, pressure gauge and painting with synthetic enamel paint of approved shade as required					
	SOR/26.18	1	each	10150.00	10150.00	Rupees Ten Thousand One Hundred Fifty Only
281	Providing and fixing electrically operated flow indicating switches in sprinkler branch line on each floor with necessary junction box installed in accessible place. (Wiring from switches to panel not included).					
	SOR/26.22	2	each	3865.00	7730.00	Rupees Seven Thousand Seven Hundred Thirty Only
282	Providing and fixing Pressure switch in the MS pipe Line including connection etc. as required. Capacity 4.5 kg.					
	SOR/26.23	4	each	1485.00	5940.00	Rupees Five Thousand Nine Hundred Forty Only
283	Providing and fixing flow switches in 100/150 mm dia MS pipe. Capacity 5.0 kg.					
	SOR/26.24	4	each	3525.00	14100.00	Rupees Fourteen Thousand One Hundred Only
284	Providing and fixing pressure transducer (dial type pressure gauge with isolation cock) in MS pipe line (dial diameter 100mm pressure range 0-10 kg/cm) suitable for 12 volts/24DC. Including connection etc. as required.					

	SOR/26.25	4	each	1510.00	6040.00	Rupees Six Thousand Fourty Only
285	Providing and fixing angle iron (40 x 40 x 5mm) door frame and M.S. sheet (2mm thick) cum glass shutter of size 1.2 x 2.1 m (N.S.) with 25 x 25 x 3 mm angle frame all around & stiffened in between including hinges, handle, locking arrangement, painting with approved synthetic enamel paint including sign writing on glass at internal hydrant including providing and fixing M.S. Sheet 2 mm thick on remaining portion above door to close opening including painting etc. as required.					
	SOR/26.26	2	each	7045.00	14090.00	Rupees Fourteen Thousand Ninety Only
286	Providing and fixing of carbon-di- oxide type fire extinguishers consisting of welded M.S. cylindrical body, squeeze lever discharge valve fitted with pressure indicating gauge internal discharge tube 30 cm long high pressure discharge hose, discharge nozzle, suspension bracket conforming to IS : 15683 finished externally with red enamel paint and fixed to wall with brackets complete with internal charge. Capacity 4.5 kg					
	SOR/26.27.3	20	Each	11351.00	227020.00	Rupees Two Lakh TwentySeven Thousand Twenty Only
287	Providing and fixing of ABC Power type fire extinguishers consisting of welded M.S. cylindrical body, squeeze lever discharge valve fitted with pressure indicating gauge internal discharge tube 30 cm long high pressure discharge hose, discharge nozzle, suspension bracket. Conforming to IS: 15683 finished externally with red enamel paint fixed to wall with brackets complete with internal charge. Capacity 6.0 kg					
	SOR/26.28.4	20	Each	4629.00	92580.00	Rupees NinetyTwo Thousand Five Hundred Eighty Only

288	Providing and fixing of Portable (FCO) Automatic Fire Prevention Apparatus very high quality bio degradable, ozone friendly UL (Underwriters Laboratories) listed, built in HDPE (High-density polyethylene) container to automatically extinguish fire when comes in contact with fire light in weight, compact in size extremely easy to use ABC powder type with automatic and manual operated CE certified with latest EN 1568-3:2008 & EN 1568-4:2008. The product shall be cover 5 years warranty as per guideline. 2.00 Kg. weight Automatic Fire Extinguisher					
	SOR/26.29.3	5	nos	8348.00	41740.00	Rupees FourtyOne Thousand Seven Hundred Fourty Only
	FIREFIGHTING ELECTRICAL SOR WORKS					
289	Supply and fixing PVC conduits required confirming to IS 9537 (Part- 3), ISI marked along with the accessories in concealed system etc. as required.					
	PVC. conduit 20 mm (HMS)					
	SOR/16.1.1	330	Meter	61.00	20130.00	Rupees Twenty Thousand One Hundred Thirty Only
	PVC. conduit 25 mm (HMS)					
	SOR/16.1.2	30	Meter	74.00	2220.00	Rupees Two Thousand Two Hundred Twenty Only
290	Supplying, installation, testing & commissioning of approved make booster pump mono-block horizontally mounted with motor (Eff-2) 7.5hp, 2900 RPM, 3 Ph 415 V with mechanical seal pump, delivery of 600 LPM at 35 MWC against total head of 32 meter. The impeller shall be closed type and accurately balanced dynamically i/c base channel foundation etc. as required as per specifications.					
	SOR/39.2	1	Each	35000.00	35000.00	Rupees ThirtyFive Thousand Only

300	Supply installation, testing and commissioning of approved make required fire panel for manual operated fire hooters etc. as required as per specifications but excluding pipe and connection cable.					
	SOR/39.24	1	Each	12200.00	12200.00	Rupees Twelve Thousand Two Hundred Only
301	Supply installation, testing and commissioning of approved make DOL starter 7.5 hp, 3 phase, 50 Hz, 415V, i/c single phase preventer, incoming MCB 32A 4P, 10KA , in outdoor type enclosure, connections, as required as per specifications.					
	SOR/39.25	1	Each	5000.00	5000.00	Rupees Five Thousand Only
302	Supply of XLPE insulated power cable (conforming IS-7098 Part-I) 1100 Volt grade, 1 core/2 core/3½ core/4 core ISI marked with alu. stranded /solid conductor					
	3½ core armoured					
	50 sq. mm					
	SOR/41.1.8.3	100	Metre	373.00	37300.00	Rupees ThirtySeven Thousand Three Hundred Only
303	Supply of XLPE insulated 1.5 sq. mm. Armoured 2 core FRLSZH fire alarm cable (RED) Fire Survival Cable conforming IS-7098 (Part-1) 1988, 1100 Volt grade, 2/3/4/8/10/12 core ISI marked with copper stranded/solid conductor.					
	SOR/41.28	350	Metre	154.00	53900.00	Rupees FiftyThree Thousand Nine Hundred Only
304	Supply, installation, testing and commissioning of 2 loop microprocessor based intelligent and electronically addressable, modular, loop capacity of 159 detectors. Fire alarm control panel with 5.7 inch touch screen LCD display, multiple access levels, 10,000 event history logs in the nonvolatile					

	memory (EEPROM). The panel should be modular microprocessor based in nature. The panel shall have 240V AC power supply, automatic battery charger, 24 V, sealed lead acid maintenance free batteries sufficient for 24 hours normal working and then be capable of operating the system for 30 mins during emergency condition. The panel shall be EN 54/UL certification.					
	SOR/49.1	1	Each	188534.00	188534.00	Rupees One Lakh EightyEight Thousand Five Hundred ThirtyFour Only
305	Supply installation, testing and commissioning of loop card LSN 0300 A LSN module.					
	SOR/49.3	2	Each	47162.00	94324.00	Rupees NinetyFour Thousand Three Hundred TwentyFour Only
306	Supply, installation, testing and commissioning of active and networkable repeater panel with LCD display complete system function keys for programming and control like system reset, alarm acknowledgement, alarm silence, trouble acknowledgement UL/EN54 certified.					
	SOR/49.4	1	Each	140353.00	140353.00	Rupees One Lakh Fourty Thousand Three Hundred FiftyThree Only
307	Supply, installation, testing and commissioning of addressable– automatic dual LED smoke detector with two integrated light-scattering smoke sensors using LEDs with different colors/wavelengths (blue/infrared) to avoid false alarm & should comply to test fire 1, Inbuilt Isolator, automatic addressing shall be UL/EN54 certified					
	SOR/49.7	82	Each	6300.00	516600.00	Rupees Five Lakh Sixteen Thousand Six Hundred Only
308	Supply, installation, testing and commissioning of indoor addressable manual break glass unit (double action) with inbuilt isolators, with					

	flexible network structures & necessary fixing arrangements with key complete as required shall be UL/EN54 certified					
	SOR/49.1	6	Each	5224.00	31344.00	Rupees ThirtyOne Thousand Three Hundred FourtyFour Only
309	Supply, installation, testing and commissioning of Indoor Standalone Loop Powered detector base sounder with inbuilt isolators & with 32 different tone variants selection options & adjustable sound pressure by 5 levels, the sound pressure 92.1 dB(A), shall be UL/EN54 certified					
	SOR/49.12	6	Each	8749.00	52494.00	Rupees FiftyTwo Thousand Four Hundred NinetyFour Only
310	Supply, installation, testing and commissioning of strobe for base sounder red with inbuilt isolators, shall be UL/EN54 certified					
	SOR/49.14	2	Each	7807.00	15614.00	Rupees Fifteen Thousand Six Hundred Fourteen Only
311	Supply, installation, testing and commissioning of response Indicator shall be UL/EN54certified					
	SOR/49.19	2	Each	267.00	534.00	Rupees Five Hundred ThirtyFour Only
	CCTV WORKS					
312	Supply and fixing PVC conduits required confirming to IS 9537 (Part- 3), ISI marked along with the accessories in concealed system etc. as required.					
	PVC. conduit 20 mm (HMS)					
	SOR/16.1.1	90	Meter	61.00	5490.00	Rupees Five Thousand Four Hundred Ninety Only
	PVC. conduit 25 mm (HMS)					
	SOR/16.1.2	80	Meter	74.00	5920.00	Rupees Five Thousand Nine Hundred Twenty Only

	PVC. conduit 32 mm (HMS)					
	SOR/16.1.3	64	Meter	115.00	7360.00	Rupees Seven Thousand Three Hundred Sixty Only
	PVC. conduit 40 mm (HMS)					
	SOR/16.1.4	52	Meter	147.00	7644.00	Rupees Seven Thousand Six Hundred FourtyFour Only
313	Supplying and drawing 4 pair shielded twisted pair (STP), 0.5 mm PVC insulated copper conductor un-armoured Cat-6 computer cable FRLS in existing surface/concealed, steel/PVC. conduit/ casing-n- capping as required.					
	SOR/38.12	400	Meter	104.00	41600.00	Rupees FourtyOne Thousand Six Hundred Only
314	Supply, installation testing and commissioning of High-Speed HDMI corrosion-resistant connector & braided cable, Supports Ethernet, 3D, 4K video, computers and other HDMI-enabled devices Black as required to complete the job as mentioned below :5 Metre, HDMI cord					
	SOR/38.14.3	1	each	3825.00	3825.00	Rupees Three Thousand Eight Hundred TwentyFive Only
315	Supply, installation testing and commissioning of 19" modular patch - 1U patch panel 24, RJ 45 cat-6 connector					
	SOR/38.15	1	Each	11792.00	11792.00	Rupees Eleven Thousand Seven Hundred NinetyTwo Only
316	Supply, installation testing and commissioning of wall mounting rack, for computer switches/Patch Panel etc complete as mentioned below :- 6U cabinet with min. Dimensions 366X600X600, wall mounting with 6 point 5 Amp. socket power supply strip, and fan, cable manager, tray as per Site requirement					

	SOR/38.17.1	2	Each	9753.00	19506.00	Rupees Nineteen Thousand Five Hundred Six Only
317	2 MP IP IR eyeball camera with H.264 video compression					
	Supply, Installation testing and commissioning of the IP dome camera shall be equipped with a 1/2.8 2 MP progressive scan CMOS imager to capture full HD 1080p (25/30 fps) images, a 3.6 mm fixed lens, and a waterproof (IP66) enclosure. As a true day/night solution, the camera shall use smart IR technology and provide up to 98 ft (30 m) of IR illumination. The camera shall accept PoE (802.3af) or 12 V DC power input. min. illumination:-0.1 lux @F1.2, AGC ON, 0 lux with IR video compression :- H.264, noise reduction: 3DNR,backlight compensation :- BLC/HLC/DWDR, encode mode:- CBR/VBR (freely adjustable in CBR, 5 levels in VBR). UL listed					
	SOR/54.1.1	6	Each	10221.00	61326.00	Rupees SixtyOne Thousand Three Hundred TwentySix Only
318	4MP IP fixed IR bullet camera					
	Supply, installation testing and commissioning of the IP bullet camera shall be equipped with a 1/3" 4MP progressive scan CMOS imager to capture full HD 1080p (25/30 fps)/2688 × 1520 (20fps) images, a 3.6 mm fixed lens, and a waterproof (IP66) IK10 impact-resistant camera housing, As a true day/night solution, the camera shall use Smart IR technology and provide up to 98 ft (30 m) of IR illumination. The camera shall accept PoE (802.3af) or 12 V DC power input. min. illumination:-0.08 lux color @ F2.0 (Color, 1/3s, 30 IRE),0 lux B/W with IR LEDs on @ F2.0) video compression :- H.265 +, noise reduction: 3DNR,backlight compensation :- True WDR 120DB,					

	angle of view :-104°/87° (H), 57°/48° (V),UL listed					
	SOR/54.8.1	10	Each	19309.00	193090.00	Rupees One Lakh NinetyThree Thousand Ninety Only
319	16 channel NVR with 4 SATA					
	Supply, installation testing and commissioning of 16 channel NVR with 1080p real-time live view H.265/H.264MJPEG dual codec decoding Up to 12 MP resolution preview & playback max 320 MBPS incoming bandwidth support 4 SATA HDDs up to 32TB, supports fisheye video de-warping in local and web user interface, supports visual or auditory notifications(a flashing light, bell, or siren) complete with UL certification	1	Each	114098.00	114098.00	Rupees One Lakh Fourteen Thousand NinetyEight Only
	SOR/54.22.1					
320	8 port PoE switch with 2 SFP ports					
	Supply, installation testing and commissioning of 8 port PoE switch with 2 SFP ports, having security features like port security supports 64 MACs per port, auto surveillance VLAN, loopback detection automatically disables a port when a loop is detected, cable diagnostics allows administrators to determine cable status, UTP cat. 5, cat. 5e (100 m max.), full/half-duplex for 10/100 MBPS, full-duplex for 1000 MBPS, auto MDI/MDIX adjustment for all twisted-pair ports, switching capacity, 40 GBPS, maximum 64 bytes packet forwarding rate, 14.88 MBPS, ports 1 to 8 compliant with 802.3at					
	SOR/54.27.1	2	Each	23024.00	46048.00	Rupees FourtySix Thousand FourtyEight Only
321	24 port PoE switch with 4 SFP ports					

	Supply, installation testing and commissioning of 24 port PoE switch with 4 SFP ports, having security features like port security supports 64 MACs per port, auto surveillance VLAN, loopback detection automatically disables a port when a loop is detected, cable diagnostics allows administrators to determine cable status, UTP Cat. 5, Cat. 5e (100 m max.), full/half-duplex for 10/100 MBPS, full-duplex for 1000 MBPS, auto MDI/MDIX adjustment for all twisted-pair ports, switching capacity, 56 GBPS, maximum 64 bytes packet forwarding rate, 41.7mbps, Ports 1 to 24 compliant with 802.3 at					
	SOR/54.28.1	1	Each	51329.00	51329.00	Rupees FiftyOne Thousand Three Hundred TwentyNine Only
322	Hard disk					
	Providing &fixing of 4 TB hard disk					
	SOR/54.30.2	1	Each	10825.00	10825.00	Rupees Ten Thousand Eight Hundred TwentyFive Only
323	Supply, installation, testing & commissioning of L.E.D. Television (4K L.E.D. Display O.S. Webos /Android or equivalent, minimum 50 Hz refresh rate Min. 20 W speaker, Wifi/bluetooth enabled, minimum 2 HDMI & 1USB Port, i/c remote and wall/table top accessories)42"/43"					
	SOR/57.2.2	1	Each	32365.00	32365.00	Rupees ThirtyTwo Thousand Three Hundred SixtyFive Only
	AC WORK					
324	Supply, installation, testing & commissioning of suction/discharge copper pipe line in split air conditioning unit 1.0/1.5 TR/2 TR/3 TR capacity including brazing, nitrile rubber insulation 6/9mm thick class 'O', etc complete as required.					

	Copper tube 1/4"					
	SOR/46.3.1	20	P. Mt	437.00	8740.00	Rupees Eight Thousand Seven Hundred Fourty Only
	Copper tube 3/8"					
	SOR/46.3.2	20	P. Mt	550.00	11000.00	Rupees Eleven Thousand Only
	Copper tube 1/2"					
	SOR/46.3.3	30	P. Mt	657.00	19710.00	Rupees Nineteen Thousand Seven Hundred Ten Only
	Copper tube 5/8"					
	SOR/46.3.4	30	P. Mt	815.00	24450.00	Rupees TwentyFour Thousand Four Hundred Fifty Only
325	SPLIT AC (inverter model) :- Supply, installation, testing and commissioning of Split type wall mounted air conditioning unit of following capacity including indoor, outdoor unit fitted with inverter based rotary compressor, copper condenser and first charge refrigerant R410A. The condensing unit working range should be capable for providing cooling between +/-5 deg. C to 50 deg. C & heating within 0 deg. C to 15 deg. C including connection of copper pipe of required size upto 3 mtr., insulation, cordless remote control, auto air swing louvers, wall stand for outdoor unit, connection copper lead wire, condensed water outlet pipe 2 mtr. complete etc as required. Outdoor/indoor units should be of same make (brand).					
	SPLIT AC (inverter model, Cooling only)					
	1.5 TR star rating 5 star					
	SOR/46.11.2.4	3	Each	52800.00	158400.00	Rupees One Lakh FiftyEight Thousand Four Hundred Only

	1.8/2 TR star rating 5 star					
	SOR/46.11.2.6	4	Each	67800.00	271200.00	Rupees Two Lakh SeventyOne Thousand Two Hundred Only
326	Cassette AC :- Supply installation testing and commissioning of split type ceiling cassette Slim line/floor standing air conditioning unit of capacity including indoor, outdoor unit fitted with rotary compressor, copper condenser and first charge refrigerant R410A/ecofriendly green gas only, cordless remote control, auto air swing louvers, connection copper lead wire between outdoor and indoor unit, connection copper lead wire upto 1.5 mtr., excluding connection copper pipe of required size, insulation, floor stand for outdoor unit, condense water outlet complete etc as required. Outdoor/indoor units should be of same make (brand).					
	Ceiling suspended/mounted cassette type 4 way unit with inbuilt drain pump & decorative panels.					
	1.8 TR/2.0 TR single phase					
	SOR/46.13.1.1	1	Each	86198.00	86198.00	Rupees EightySix Thousand One Hundred NinetyEight Only
	Floor standing/slim line					
	2.0 TR/2.4 TR single phase					
	SOR/46.13.2.1	1	Each	101887.00	101887.00	Rupees One Lakh One Thousand Eight Hundred EightySeven Only
327	AC installation: - Installation of split type wall mounted air conditioner indoor, outdoor unit fitted with rotary compressor, copper condenser and first charge refrigerant R410A, including connection of copper pipe and material supplied with					

	complete unit etc as required. (excluding cost of copper pipe)					
	SOR/46.13.3	7	Each	1500.00	10500.00	Rupees Ten Thousand Five Hundred Only
328	AC installation: - Installation of split type ceiling cassette air conditioning unit including indoor, outdoor unit fitted with rotary compressor, condenser and first charge refrigerant R410A/ecofriendly green gas only including connection of copper pipe and material supplied with complete unit etc as required.(excluding cost of copper pipe)					
	SOR/46.13.4	1	Each	5000.00	5000.00	Rupees Five Thousand Only
329	AC Installation: - Installation of split type slim line/floor standing air conditioning unit including indoor, outdoor unit fitted with rotary compressor, condenser and first charge refrigerant R410A/ecofriendly green gas only including connection of copper pipe and material supplied with complete unit etc as required.(excluding cost of copper pipe)					
	SOR/	1	Each	8000.00	8000.00	Rupees Eight Thousand Only
	SMART CLASS ROOM (1 No.)					
	Amplifiers					
330	Supply, installation, testing and commissioning of 2X250W class-D amplifier with 2 independent channels and can provide automatic re-settable over current, overload, overheating, overvoltage, under-voltage and DC protection					
	SOR/53.3.2	1	Each	258405.00	258405.00	Rupees Two Lakh FiftyEight Thousand Four Hundred Five Only

	Mixer					
331	Supply, installation, testing and commissioning of 12-Channel Mixer with Low-cost, high-performance Lexicon effects mixers. 8+2 and 12+2 channel frame sizes. Built-in 24 bit Lexicon digital effects processor. 32 FX settings					
	SOR/53.4.2	1	Each	70125.00	70125.00	Rupees Seventy Thousand One Hundred TwentyFive Only
	Speakers					
332	Supply, installation, testing and commissioning of 6W ceiling speaker with max SPL1M/1W 96dB. Frequency response of 80Hz-20KHz with a dispersion angle of 160 deg. The speaker should have tapings at 6W/3W/1.5W (with require mounting arrangement)					
	SOR/53.5.1	4	Each	1703.00	6812.00	Rupees Six Thousand Eight Hundred Twelve Only
333	Supply, installation, testing and commissioning of 20W ceiling speaker with max SPL1M/1W 90dB. Frequency response of 100Hz-20KHz with a dispersion angle of 120 deg. The speaker should have tapings at 20W/10W (With require mounting arrangement)					
	SOR/53.5.2	2	Each	13206.00	26412.00	Rupees TwentySix Thousand Four Hundred Twelve Only
	Microphones					
334	Supply, installation, testing and commissioning of Professional tabletop microphone Audio frequency bandwidth 70 - 18000 Hz Electrical impedance 600 Ohms Recommended load impedance 2000 Ohms Voltage 9 to 52 V Current 3 mA					
	SOR/53.7.3	2	Each	49784.00	99568.00	Rupees NinetyNine Thousand Five Hundred SixtyEight Only

335	Supply, installation, testing and commissioning of Wireless microphone system Microphone capsule: Patented dynamic D5 capsule Polar pattern: supercardioid Audio bandwidth: 70 – 20 000 Hz (+/- 3dB) Dimensions: 237 x 51mm					
	SOR/53.7.4	2	Each	49419.00	98838.00	Rupees NinetyEight Thousand Eight Hundred ThirtyEight Only
336	Supply, installation, testing and commissioning of WIRELESS BODYPACK TRANSMITTER Type: Three pin mini XLR connector (female)Maximum audio level: 12dB Rated Impedance: 1 Ohms Audio bandwidth: 40 – 20 000 Hz (+/- 3dB) Dimensions: 60 x 75,5 x 30 mm					
	SOR/53.7.5	2	Each	52796.00	105592.00	Rupees One Lakh Five Thousand Five Hundred NinetyTwo Only
337	Supply, installation, testing and commissioning of Transmitter : HDMI HDBaseT-Lite Extender with PoH (4K @ 40 mtr.) (HDBaseT Class B) extends an HDMI signal up to 70m from the HDBaseT source using one Cat 5e/6/6a cable. Video :- Input Interfaces : 1 x HDMI Type A Female (Black); Impedance : 100 Ω; Max. Distance : 3 m, Max. Data Rate : 10.2Gbps (3.4Gbps per lane); Max. Pixel Clock: 340 MHz; Compliance : HDMI (3D, Deep Color, 4K), HDCP2.2 Compatible, Consumer Electronics Control (CEC)Audio Input : 1 x HDMI Type A Female					
	SOR/53.8	1	Each	52066.00	52066.00	Rupees FiftyTwo Thousand SixtySix Only
338	Supply, installation, testing and commissioning of Receiver : HDMI HDBaseT-Lite Extender with PoH (4K @ 40 mtr.) (HDBaseT Class B) extends an HDMI signal up to 70m from the HDBaseT source using one Cat 5e/6/6a cable. Video :- Output Interfaces : 1 x HDMI Type A					

	Female (Black); Impedance: 100 Ω; Max. Distance : 3 m, Max. Data Rate : 10.2Gbps (3.4Gbps per lane); Max. Pixel Clock: 340 MHz; Compliance : HDMI (3D, Deep Color, 4K), HDCP2.2 Compatible, Consumer Electronics Control (CEC), Audio Output : 1 x HDMI Type A Female (Black).					
	SOR/53.9	1	Each	52066.00	52066.00	Rupees FiftyTwo Thousand SixtySix Only
339	Supply, installation, testing and commissioning of 75 Inch Interactive Panel having Resolution 3840(H) ×2160 (V), Display Color 1.07Billion Colors, Min. Brightness 400cd/m2, LCD (with LED backlit), View Angle R/L 178 (Min.), U/D 178 (Min.), speaker output 20W × 2, HDMI Input 2, HDMI Output 1, Multi-Media USB 4 (2 Front 3.0, 1x3.0 rear, 1x2.0 rear), RS232 - 01, RJ-45-Yes(LAN) / Ethernet, Touch input 02, Bluetooth BT 5.0, WIFI 6, VGA In 1, LineOut 1, MIC 1, DP 1.2 1, Cover Glass anti glare 9 Mohs, Touch Resolution 32768x32768, Touch Accuracy 1mm, having Annotation Over Any Source, Response Time <5ms, having Palm Detection, Pen and Touch Differentiation, Touch - 20 points (Drawing, Annotation, Painting, Eraser, Highlighter, PDF Viewer, PPT Viewer, Browser, Movies & Image Viewer, External Source annotation), Files like PDF or objects can be saved in a private folder, 4 Drawing through split screens / Export and Import of files from mails / pen-drive or internet / Multimedia feature, Compatibility Windows 11/ Linux/Android /Chrome, OS Version ANDROID 11.0 , Processor A55 Quadcore 1.55Ghz, Flash 32 GB EMMC5, RAM 4 GB DDR4 or equivalent latest software version and specification, having accessories- User manual, wireless key board and mouse, remote control, power cable, touch cables, HDMI cable, Touch pens					

	(2 stylus, 1 extendable),VESA Standard (Wall mount) / 3 Year warranty.75 Inch Interactive Panel					
	SOR/57.10.2	1	Each	170363.00	170363.00	Rupees One Lakh Seventy Thousand Three Hundred SixtyThree Only
340	Supply, installation, testing and commissioning of OPS (Open pluggable specificatio) with Core i5 Processor, 512 GB SSD, 8 GB RAM, Latest Windows.					
	SOR/57.11	1	Each	61730.00	61730.00	Rupees SixtyOne Thousand Seven Hundred Thirty Only

FURNITURE								BASAI
SN O.	ITEM	Products Specification	Image	QTY	Unit	Price per unit	Total Price	Amount In Words
1	Reception	Reception table : Providing and fixing of Reception Table of size 1887 x 450 the top one is made up of 25mm thick PLPB at height of 750 mm finished with 1 mm thick laminate and PVC edge beading. The legs are to be made up 18mm thick PLPB and front modesty of height 1050 x length 1887 mm. A 2nd top of length 887 of 18mm thick top at height of 1070mm with 2nd modesty of same colour finish to be place 450 mm above ground. Provision for foot rest, wire manager etc. as per design all exposed edges to be finished with first quality beading. The rate shall include all necessary hardware like suitable SS hinges, handles, drawer channels, etc complete in all respect as per drawing and direction given by Engineer in charge. SIDE UNIT (1411 x 450 x 750) : Providing and fixing side unit of size 1411 x 450 x 750mm made of ISI mark 18MM BWP ply finished with 1mm thick laminate and PVC Edge beading of matching colour .The rate shall include all necessary hardware like Suitable SS hinges, catchers, handles, drawer channels, locks etc. complete in all respect as per direction given by Engineer in charge. Pedestal of size : W390 x D435 x H700mm with Post form Top and front made of ISI mark 18 mm Ply board with laminate 1 mm. Sides and back shall be made of 12 mm ISI mark Ply board.		1	Each	125000	125000	Rupees One Lakh TwentyFive Thousand Only
2	Principal Table	Executive With Padestral and Side cabinet :Executive desk overall Size 2000Wx1000DX770H , Top made up of 43mm thick PLPB with 2mm thick pvc edge bending , Vertical made up of 25mm thick PLPB with 2mm thick pvc edge bending , Modesty panel made up of 18mm thick PLPB with 2mm thick pvc edge bending , on front panel Leherite Cushion panel at centre & metal strip , All Wooden Panels , Gables & modesty Fix Joints With Minifix Dowels , minifix & Other Fitting Equipment , All Wooden Panels Prime Quality Board , side cabinet and Drawer under structure made up of 18mm thick PLPB with 2mm thick pvc edge bending , Shelf made up of 18mm thick PLPB with 2mm thick pvc edge bending , two number of sliding shutter made up of 18mm thick PLPB with 2mm thick pvc edge bending and front on side metal strip , mack panel made up of 12mm thick PLPB , two number of skirting provided on bottom , All Wooden Panels , Gables & modesty Fix Joints With Minifix Dowels , minifix & Other Fitting Equipment , All Wooden Panels Prime Quality Board With ISI Marked .The Co .should bear Green Co Certification and IGBC Green Pro certificate for product category. And should be BIFMA, AIOTA for OFFICE FURNITURE range for ergonomic design/Greenpro products certificate for compliances (low VOC emission).		1	Each	58090	58090	Rupees FiftyEight Thousand Ninety Only
3	Principal Chair	High Back Revolving Chair, Overall Dimension: 650W ±10 x 730D ±10 x 1220H ±10 mm Seat & Back of chair is made of 12+6mm thick Double Layer L-shape hot pressed Plywood pasted with PU foam & Leatherette upholstery, Back Foam HD foam D -40 kg/m3 , H-20 in back rest and seat 2 layer foam in whole structure, back centre rest supported HD foam, Used HD foam on Seat of D-40 kg/m3, Back of chair is made Double plywood, 12mm thick hot pressed plywood in front plus additional 6mm thick hot pressed plywood in back pasted with PU foam & Leatherette upholstery, Seat Size: 505W ±10 x 520D ±10 x 85Thick. ±5 mm, Back Size: 480W ±10 x 715H ±10 x 75Thick. ±5mm . Mechanism: Torsion Bar Single point control, Provides maximum adjustability and scope for comfort, Seat & Back moves in same direction, Single/ Upright position locking, Tilt tension knob to loosen or tighten the tension according to users body weight . Gaslift: Used gaslift of 100mm Samhonga of Class-IV grade, Lifting 85mm, Plastic Gas lift cover . Armrest: Leatherette upholstered Cushioned top fixed with Aluminium chrome plated frame, armrest fixed with seat & Back which gives comfort & Strength both to the chair, arm rest size-200x65x13T mm . Chair Base & Wheels: Metal chrome		1	Each	18780	18780	Rupees Eighteen Thousand Seven Hundred Eighty Only
4	Visitor chair	Fixed Visitor Chair, Overall Dimension:- 590W ±10 X 720D ±10 x 990H ±10 mm. Seat & Back of chair is made of 12+6mm thick Double Layer L-shape hot pressed Plywood pasted with High Density PU foam & Leatherette upholstery, Back Foam HD foam D -32 kg/m3 , H-20 in back rest and seat 2 layer foam in whole structure, Used HD foam on Seat of D-32 kg/m3, Back of chair is made Double plywood, 12mm thick hot pressed plywood in front plus additional 6mm thick hot pressed plywood in back pasted with PU foam & Leatherette upholstery & Chrome strip cladding on it, Seat Size:- 500W ±10 x 410D ±10 x 100 Thick. ±5 mm , Back Size:- 500W ±10 x 620H ±10 x 100Thick. ±5mm. Armrest:- Leatherette upholstered on foam Cushioned armrest fixed on chrome plated frame, armrest fixed with seat & Back which gives comfort & Strength both to the chair. Understructure: Cantilever frame made of 25.4mm Round SS 202 Pipe of 16 gauge thickness frame with Plastic bushes. The Co .should bear Green Co Certification and IGBC Green Pro certificate for product category. And should be BIFMA, AIOTA for OFFICE FURNITURE range for ergonomic design/Greenpro products certificate for compliances (low VOC emission).		20	Each	8990	179800	Rupees One Lakh SeventyNine Thousand Eight Hundred Only

5	Visitor chair	Providing and placing mesh back Visitor chair, Size H : 830 ±10, W : 580 ±10, D : 550 ±10 Seat Plywood Made Of 12mm Hot Pressed , Upholstery PVC Structure Moulded With Prime Quality High Stretch Fabric Mesh . Seat Are Firmly Connected To The Base Structure 25mm Dia Round Metal Pipe . Understructure Base Made Of Chrome Plated 25mm Dia Round Metal Pipe Powder Coated . Chair Max Height 930mm . 470W x 450D Base Seat 60mm Thick Moulded With PU Foam D - 45kg/m3 , H-20 & 470W x 530H Back Seat PP Structure Moulded With Fabric Mesh . 475/580 Arm Rest Fixed Type PP . Arm Rest Height From Seat 180mm . Height From Seat To Ground 460mm. The Co should bear Green Co Certification and IGBC Green Pro certificate for product category. And should be BIFMA, AIOTA for OFFICE FURNITURE range for ergonomic design/Greenpro products certificate for compliances (low VOC emission)		40	Each	5986	239440	Rupees Two Lakh ThirtyNine Thousand Four Hundred Fourty Only
6	Teacher table / OFFICE TABLE	Teacher table/Office :Table Top Ducknose Postform 25mm Thick Wooden Board With 2mm Thick Pvc Edgebanded Finish With As Per Approved Laminate Shade . Table Size 1200W x 600D x 750mm .With drawer. Table Top Supported Understructure Of Table Gable - End Made Of Prime Quality 18mm Thick PLPB Board. Drawer Top 18mm Thick Wooden Board With 0.8mm Thick Edgebanded One Side Ducknose Postform . Mobile Drawer Used Sliding Telescopic Channel With All Fittings & Shutter Used C - Frame Handles Storage Front Facia 18mm Thick PLPB Sliding Shutter . 50mm High Wooden All Wooden Panels Cleaning Corner Knitted Finish . All Wooden Panels , Gables & Modesty Fix Joints With Minifix Dowels & Other Fitting Equipment . All Wooden Panels Prime Quality Board With ISI Marked. The Co .should bear Green Co Certification and IGBC Green Pro certificate for product category. And should be BIFMA, AIOTA for OFFICE FURNITURE range for ergonomic design/Greenpro products certificate for compliances (low VOC emission).		40	Each	15670	626800	Rupees Six Lakh TwentySix Thousand Eight Hundred Only
7	Table for admin office with Drawer and side cabinet	Proving & Fixing EXECUTIVE TABLE WITH SIDE UNDTIT AND PEDESTAL Office Table Top Ducknose Postform 25mm Thick Wooden Board With 2mm Thick Pvc Edgebanded Finish With As Per Approved Laminate Shade . Table Size 1500W x 900D x 750mm . Mobile Pedestal Size 400W x 450D x 640H . Side Storage Size 900W x 450D x 700H . Table Top Supported Understructure Of Table Gable - End Made Of Prime Quality 18mm Thick PLPB Board. Mobile Drawer Top 18mm Thick Wooden Board With 0.8mm Thick Edgebanded One Side Ducknose Postform . Mobile Drawer Used Sliding Telescopic Channel With All Fittings & Shutter Used C - Frame Handles . Mobile Drawer Move On Twin Wheel Casters 50mm Dia . Casters Made Of Moulded Black Nylon Metal Bolt Inserted & Fitted . Side Storage Top 25mm Thick Ducknose Postform Top With 2mm Thick Edgebanded . 18mm Thick Wooden Shelve & Divider . Storage Front Facia 18mm Thick PLPB Sliding Shutter . 50mm High Wooden Panel Skirting Provided in Side Storage . 7mm High Pvc Bofurs Screw With Gable - end & Side Storage . All Wooden Panels Cleaning Corner Knitted Finish . All Wooden Panels , Gables & Modesty Fix Joints With Minifix Dowels & Other Fitting Equipment . All Wooden Panels Prime Quality Board With ISI Marked . The Co		4	Each	30560	122240	Rupees One Lakh TwentyTwo Thousand Two Hundred Fourty Only
8	Staff chair	Providing and fixing of chair 600mm x 550mm x 925 mm nonrevolving chairs with PU Arms. Seat and Back are made up of Pre Cast Moulded Poly Urethane fitted on 12mm thick Moulded Plywood. The back is continuous. The Base is made of metal insert. PVC Beading is provided on the Outer rim of the seat and Back. The Co .should bear Green Co Certification and IGBC Green Pro certificate for product category. And should be BIFMA, AIOTA for OFFICE FURNITURE range for ergonomic design/Greenpro products certificate for compliances (low VOC emission).		50	Each	4800	240000	Rupees Two Lakh Fourty Thousand Only
9	Dual desk	Table Top 18mm Thick Ply Board One Side Postform With 2mm Thick Pvc Edgebanded Finish As Per Approved Laminate Shade . Desk Size 1066W X 930D X 760H . Top , Seat & Back 18mm Thick One Side Postform Wooden Panel . Top Size 1016W X 385D , Seat Size 1066W X 250D & Back Size 1066W X 150D . 1016W x 300H CRCA 0.8mm Thick Metal Shelve Powder Coated . 1016W X 170H 0.8mm Thick Dimple Metal Modesty Panel Powder Coated . 1016W X 150H 0.8mm Thick Perforated Metal Modesty Panel Powder Coated . 25mm Dia 1.2 mm Thick Round Metal Pipe Supported To Seat & Back . Desk Top & Seat Supported Vertically Leg Made Of Prime Quality 1mm Thick Metal Sheet Moulded With 25mm X 25mm Square Metal Pipe Powder Coated . 25mm Square Metal Pipe 170mm High Supported To Shelve . Between Leg & Back Supported 25x25mm Square Metal Pipe 1.2 mm Thick Powder Coated . 50X25mm 1.2 mm Thick Base Supported Leg Powder Coated . Understructure CRCA Rectangular 50X25 & Square Metal Pipe 25x25mm With 1.2 mm Thick All Side Welded With Vertically & Horizontally Metal Pipe powder coated . Base Seat Height From Ground 450mm . Legs Of The Table Hard Rubber Shoes. School Desk Both Side Provided Bag Hooks . Table Top Wooden Panels Flat		230	Each	9980	2295400	Rupees TwentyTwo Lakh NinetyFive Thousand Four Hundred Only
10	Almirah	DIMENSION: Overall Size 915W X 485D X 1980H , Top , Bottom , Side panel & Shelve made up of 0.8mm thick CRCA sheet Powder Coated , Legs made up of 0.8mm thick CRCA sheet powder coated , shutter made up of 1mm thick CRCA sheet powder coated , No Sharp Edges Of Almirah Ends , All Shelve Rack Divided Into Equal Parts , Door Die cast Chrome Plated Handles Fitted With Washer & Double Nut , Handles Ring Made Of PVC Cap , Almirah All Metallic Panels Screw With Nut & Bolt , All Metal Pieces Shall Be Welded Properly Strongly and conformity with regulations with CO2 Welding Shall Be Used . CRCA Metal Shall Be Coated After Being Treated With At Least Three Stages And Cleaned From Oil , Grease Dust And Other Dirt Using Special Thermal Control Coating For Metal Furniture To Form a Layer Of Base Coating Of (iron phosphating) (0.4 – 0.8) gm/m² Automatic Spray Coating Shall Be Applied To Be Followed By a Drying Process In a Thermal Furnace With Suitable Temperature And Time For The Process . Metal Pipe & 7 tank treatment with minimum 50 micron powder coating . The Co should bear Green Co Certification and IGBC Green Pro certificate for product category. And should be BIFMA, AIOTA for OFFICE FURNITURE range for ergonomic design/Greenpro products certificate for compliances (low		50	Each	21416	1070800	Rupees Ten Lakh Seventy Thousand Eight Hundred Only

11	LOCKERS COMPARTMENTS (6 CHAMBERS EACH)	Top , Bottom , Side panel & Shelve made up of 0.8mm thick CRCA sheet Powder Coated , Legs made up of 0.8mm thick CRCA sheet powder coated , MS sheet of 22 gauge Doors 20 gauge Doors with external latch for locks Internal compartments with a hanger rod on the upper portion and a shelf in the lower portion at a height of 208 mm from the base Name plate display, Door handle Duly powder coated Silver white colour.The Co should bear Green Co Certification and IGBC Green Pro certificate for product category. And should be BIFMA, AIOTA for OFFICE FURNITURE range for ergonomic design/Greenpro products certificate for compliances (low VOC emission)		10	Each	23000	230000	Rupees Two Lakh Thirty Thousand Only
12	Book Shelf	Overall Size 840W x 310D x 1675H . Office Almirah Book Case Made Of Prime Quality CRCA Ms Sheet Panels 0.8mm Thick Powder Coated Finish With Approved Shade . Each Shelve Made Of 0.8mm CRCA MS Sheet Powder Coated . Front Shutter 1mm Thick CRCA MS Sheet Powder Coated . No Sharp Edges Of Almirah Ends . All Shelve Rack Divided Into Equal Parts . Transparent Plain Glass Thickness Shall Be 4mm Thick . Glass Shall Be Fitted In Additional Shutter Frame From Inside . Door Die cast Chrome Plated Handles Fitted With Washer & Double Nut . Metallic Handles Two Nos On Each Shutter From Outside . Shutter Sliding On Ball Bearing Two Nos Each Door With Suitable Systems . Six Leaver Brass Plunger & Brass Lever Locks Of High Quality In Each Shutter Operated By One Key . Glass Size 660L x 280W . Almirah All Metallic Panels Screw With Nut & Bolt . All Metal Pieces Shall Be Welded Properly Strongly and conformity with regulations . CO2 Welding Shall Be Used . All Metal Shall Be Coated After Being Treated With At Least Three Stages And Cleaned From Oil,Grease, Dust, And Other Dirt Using Special Thermal Control Coating For Metal Furniture To Form a Layer Of Base Coating Of (iron phosphating) (0.4 – 0.8) gm/m² . Automatic Spray Coating Shall Be Applied To Be Followed By a		10	Each	22450	224500	Rupees Two Lakh TwentyFour Thousand Five Hundred Only
13	Filling Cabinet	Specification overall size: 1327mmH x 453mmW x 620mmD Internal drawer size: 270mmH x 392mmW x 580mmD 1. Ms Steel of 18 swg, Fully welded top 2. Internally assembled carcass construction 3. Slimline carcass design 4. Zinc base plate 5. Compact lock 6. Full-width PVC handle 7. Welded internal cabinet frame 8. Full height zinc seal drawer body 9. Optional drawer file divider rack 10. Full extension ball bearing runner system 11. 670mm high 2 drawer unit for underdesk storage 12. Finish: Powder coat (45-50microns thickness)		4	Each	18700	74800	Rupees SeventyFour Thousand Eight Hundred Only
14	Teacher table/store NCC and Common room table	Table Top 25 mm Thick PLPB Board, as Per Approved Laminate Shade. Table Understructure 1150W X 590D In 25 X 25 Square Pipe With 1.2mm Thick Duly Powder Coated. Table Top Wooden Panels Flat Edge Duly Sealed With 2mm Thick Pvc Beading. Metal Storage (3D) Made Of Prime Quality 0.8mm Thick CRCA Metal Sheet Tank Treatment With Minimum 45 - 50 Micron Powder Coating. All Frames Rectangular Pipe & Square Metal Pipe Closed With Pvc Caps . Legs Of The Table Hard Rubber Shoes. All Metal Pieces Shall Be Welded Properly Strongly and conformity with regulations. CO2 Welding Shall Be Used . All Metal Shall Be Coated After Being Treated With At Least Three Stages Cleaned From Oil,Grease, Dust, And Other Dirt Using Special Thermal Control Coating For metal Furniture To Form a Layer Of Base Coating Of (iron phosphating) (0.4 – 0.8) gm/m². Automatic Spray Coating Shall Be Applied To Be Followed By a Drying Process In a Thermal Furnace With Suitable Temperature And Time For The Process . The product should bear IGBC Green Pro certificate for product category. And should be BIFMA member having AIOTA (All India Occupational Therapists Association) for OFFICE FURNITURE range for ergonomic design.		50	Each	9800	490000	Rupees Four Lakh Ninety Thousand Only
15	Teacher Chair /store NCC and Common room Chair	Medium Back Chair Made Of Good Quality Products Of MSPL Standard Models . Seat Plywood Made Of 12mm Hot Pressed Supported Back Inner PP Structure . Upholstery PVC Structure Moulded With Prime Quality High Stretch Fabric . PHA (Gas-Lift) 105mm (TDC 171mm & BDC 66) . Understructure Base Revolving Pedestal Steel Inserted PP Base With PP Hub Cap . Mechanism Torsion Bar Adjustment Can Be Operated In Seating Position . Seat & Back Are Firmly Connected To The Base Frame Mechanism . Mechanism Provided Upright Position Locking . Chair Max Height 980 & min Depth 715 . 470W x 430D Base Seat 70mm Thick Moulded With PU Foam , D - 42 kg/m3 , H - 20 & 430W x 470H Back Seat 50mm Thick Moulded With PU Foam , D - 42 kg/m3 , H - 20 . Base Seat Shell ABS Cover At Underside . Back Seat Shell ABS Cover At Back Side . L - Patta Mild Steel . Beading Finish NA . 440/540 Arm Rest Fitted To The Seat With Armrest Connecting Brackets . Arm Rest PP . Arm Rest Height From Seat 170mm . Height From Seat To Ground 440mm . Seating Height Can Be Adjusted With a Pneumatic Gas Lift . Pedestal Pitch Centre Dia 715mm With Casters . Casters Made Of Moulded Black Nylon Metal Bolt		50	Each	5210	260500	Rupees Two Lakh Sixty Thousand Five Hundred Only
16	STUDENT COMPUTER CHAIR	Providing and fixing of chair 600mm x 550mm x 925 mm nonrevolving chairs with PU Arms. Seat and Back are made up of Pre Cast Moulded Poly Urethane fitted on 12mm thick Moulded Plywood. The back is continuous. The Base is made of metal insert. PVC Beading is provided on the Outer rim of the seat and Back. The Co .should bear Green Co Certification and IGBC Green Pro certificate for product category. And should be BIFMA, AIOTA for OFFICE FURNITURE range for ergonomic design/Greenpro products certificate for compliances (low VOC emission).		55	Each	4800	264000	Rupees Two Lakh SixtyFour Thousand Only

17	SOFA (1 SEATOR)	DIMENSION: Frame Height :635 mm Width : 864 mm Depth 788 mm Seat Height from Bottom to base seat : 458 mm Back Height from Base seat to Top : 356 mm Base Seat Foam : Foam , (90 mm + 21 mm) thick , D -28 kg/m3 Back Seat Foam : Foam , 45 mm thick , D -28 kg/m3 , Arm Rest Foam Foam , 45 mm thick , D -28 kg/m3 , Back Insert Foam : Foam , 21 mm thick , D -28 kg/m3 , SS pipe -end cover PVC Cap L-Bracket Base Frame corners :MS, Fasteners (NutsBolt): 4 Nos M8 X 38 mm: Providing and placing a sofa structure duly made with steel duly cut, welded and chromed with semi glossy finish, sofa internal structure duly made with mango/pine wood and fix at steel structure with the help of self tapping steel screw, sofa having medium density foam and all foam duly covered with PU leathrite tapestry, sofa having in bottom four nos. of nylon steps for anti skid on floor.		2	Each	14890	29780	Rupees TwentyNine Thousand Seven Hundred Eighty Only
18	SOFA (3 SEATOR)	Providing & Placing of THREE SEATER SOFA (2000mm x 750mm x 405mm Seat Height & 750mm Back Height from FFL.). Sofa Frame made up of 18mm thick Plywood. Seat is provided with 12mm.tk. plywood & back is provided with 12mm plywood. Finished Hand rest is 575 mm.ht.from floor lvl., Seat Back is at 750mm. ht.from floor lvl. and Seat is at 400mm. ht. from floor lvl. as per Drg.Seat is covered with 100mm thk.foam (32 density). Back & handrest is covered with 40mm thk.foam (32 density) . 75mm long wooden legs/ s.s shoe to be fixed at bottom of Sofa. Plywood ,seat and back and sides shall be be fully covered and cushioned with upholstery cloth/leather finish of approved texture, color and shade. Upholstery to be used of best quality. All hardware, screw and nails, should be as per ISI make. Adhesive to be used pidilite fevicol sh/ sr for fixing. The work includes approved quality hardware,all lead,lift,labour etc complete as required. All work is to be executed as per the direction and approval of Engineer in charge . The Co should bear Green Co Certification and IGBC Green Pro certificate for product category. And should be BIFMA, AIOTA for OFFICE FURNITURE range for ergonomic design/Greenpro products certificate for compliances (low VOC.		2	Each	29970	59940	Rupees FiftyNine Thousand Nine Hundred Fourty Only
19	SOFA (2SEATOR)	DIMENSION: Frame Height :635 mm Width 1397 mm Depth 788 mm Seat Height from Bottom to base seat : 458 mm Back Height from Base seat to Top : 356 mm Base Seat Foam : Foam , (90 mm + 21 mm) thick , D -28 kg/m3 Back Seat Foam : Foam , 45 mm thick , D -28 kg/m3 , Arm Rest Foam Foam , 45 mm thick , D -28 kg/m3 , Back Insert Foam : Foam , 21 mm thick , D -28 kg/m3 , SS pipe -end cover PVC Cap L-Bracket Base Frame corners :MS, Fasteners (NutsBolt): 4 Nos M8 X 38 mm Providing and placing a sofa structure duly made with steel duly cut, welded and chromed with semi glossy finish, sofa internal structure duly made with mango/pine wood and fix at steel structure with the help of self tapping steel screw, sofa having medium density foam and all foam duly covered with PU leathrite tapestry, sofa having in bottom four nos. of nylon steps for anti skid on floor.he Co should bear Green Co Certification and IGBC Green Pro certificate for product category. The Co should bear Green Co Certification and IGBC Green Pro certificate for product category. And should be BIFMA, AIOTA for OFFICE FURNITURE range for ergonomic design/Greenpro products certificate for compliances (low VOC emission)		5	Each	24500	122500	Rupees One Lakh TwentyTwo Thousand Five Hundred Only
20	CENTRE TABLE	CENTRE TABLESize: Lx WxH: 1158 X 580 X 380 1. Structure: Fiberwood 2. Under structure made fiberwood 3. Top shelf with designer tempered glass 12 mm		2	Each	15900	31800	Rupees ThirtyOne Thousand Eight Hundred Only
21	Green board/Chalk Board : Green board Soft board premium Aluminium.	Green board/Chalk Board : Green board Soft board 6' x 4' Colour(Front/ Display layer) Green Material: High Pressure High Abrasive Resistance materialFrame Material premium Aluminium.		19	Each	6970	132430	Rupees One Lakh ThirtyTwo Thousand Four Hundred Thirty Only
22	Podium stand	1. Size:(Lx B x H): 609x508x1067+6-3" glass tower with inclination 2. Made from 18mm dense plywood of ISI mark 303 grade covered on all sides with postform mica. Having 12mm Toughened glass shelf of 8 mm from top inclined towards back side. Inclination of 64 mm 3. College logo on the front side embossed on the SS sheet . 4. LOGO Size: 450mm x 450mm. Wheels of 2 inch at the base of the Podium. 5. A single shelf of height 304 mm 6. Colour : Brown 7. Design to be made as per picture		10	Each	18000	180000	Rupees One Lakh Eighty Thousand Only

23	Canteen Table 6 Seater	Table Top Made Of 18mm Plywood Moulded With 1 mm Thick SS Sheet With 304 Grade . All Over Size Of Table 1800W x 700D x 750H . Table Top Size 1800W x 750D . Understructure Made Of Prime Quality CRCA 40 x 400mm Square Metal Pipe Duly Powder Coated . Understructure CRCA Metal Pipe 40 X 40mm With 1.6mm Thick Four Side Welded With Vertically Metal Pipe . Legs Of The Table Hard Rubber Shoes . Understructure CRCA Square Metal Pipe 50 x 50mm With 1.6mm Thick All Side Welded With Vertically & Horizontally Metal Pipe powder coated . Seat Size 300mm Dia 0.8mm Thick 304 Grade SS Seat Moulded With 18mm Thick Plywood . Seat Height From Ground 450mm . Seat Understructure Made of 50 x50 Square Metal Pipe With 1.6mm Thick Powder Coated . Legs Of The Table Hard Rubber Shoes . All Frames Square Pipe Closed With Pvc Caps . All Metal Pieces Shall Be Welded Properly Strongly and conformity with regulations . CO2 Welding Shall Be Used . After Being Treated With At Least Three Stages Cleaned From Oil,Grease, Dust, And Other Dirt Using Special Thermal Control Coating For metal Furniture To Form a Layer Of Base Coating Of (iron phosphating) (0.4 – 0.8) gm/m². Automatic Spray Coating Shall Be Applied To Be Followed By a Drying Process In a Thermal Furnace With Suitable		10	Each	39600	396000	Rupees Three Lakh NinetySix Thousand Only
24	Laboratory (chemistry)	Lab table Innovate 02 Overall Size 4200W x 750D x 850H . 2 Nos. Reagent Rack Size 1300W x 300D x 700H . Box Of Storage (1D + 2S) 0.8mm MS Sheet Powder Coated . Storage Per Box Size Without Granite 600W x 570D x 713H Using 100mm PVC Leg Supported . Storage Upper Top 19mm Thick Granite Top All Joints Will Be Filled With Silicon Sealant . Innovate 02 Made Of 0.8mm Thick CRCA Prime Quality MS Sheet With Approved Powder Coated Shade . All cabinets Bodies Shall Be Of Over Closing Design Components Parts Cut & Shaped Entirely On CNC Fabricating Machines With Contraction . Metal Storage Bodies Shall be Neatly Jointed Together With Accurately Matching Sides Avoiding Any Gaps . Shutter Made Of 0.8mm Thick Powder Coated MS Sheet Providing With Handles . Drawer Move On Sliding Telescopical Channel . Reagent Rack Structure Side Panel Made Of CRCA 1.2mm 25x25 Square Metal Pipe Welded With 0.8mm Thick Metal Sheet & Shelf Are Made By Wooden & Metal Sheet With Added Switch & Socket . Innovate Granite Top Flushed With Sink-Unit & Tap . Installation Of All Utility Service Outlets Accessory Fittings, Plumbing , Electrical Switches & Fittings Identified On Drawings As Mounted On The Laboratory Furniture . All Metallic Panels Screw With Nut Bolt & Riveting .		4	Each	204923	819692	Rupees Eight Lakh Nineteen Thousand Six Hundred NinetyTwo Only
25	Laboratory (Physics)	Overall Size 1800W x 750D Innovate Understructure One Side Leg Frame Made Of CRCA 40x40mm Thick 50x25 Metal Rectangular Pipe Welded With 0.8mm Thick Metal Sheet . Modesty Panel Are CRCA 0.8mm Thick Metal Sheet Welded With Storage. Under Table Top Supported Beam CRCA 40x20mm Rectangular Metal Pipe Duly Powder Coated . All cabinets Bodies Shall Be Of Over Closing Design Components Parts Cut & Shaped Entirely On CNC Fabricating Machines With Contraction . Metal Storage Bodies Shall be Neatly Jointed Together With Accurately Matching Sides Avoiding Any Gaps . Shutter Made Of 0.8mm Thick Powder Coated MS Sheet Providing With Handles . In a Thermal Furnace With Suitable Temperature And Time For The Process . Thickness Of Coating (40 – 50) Micron. The product should bear IGBIC Green Pro certificate for product category. And should be BIFMA member having AIOTA (All India Occupational Therapists Association) for LAB FURNITURE range for ergonomic design.		6	Each	149300	895800	Rupees Eight Lakh NinetyFive Thousand Eight Hundred Only
26	CHAIR WITH PAD FOR TUTORIAL	Chair seater Size: 800mm X 370mm X 510mm 1. Chair Seat and Backrest 9mm plywood fireproof 2. Metal Frame powder coating steel Diameter 22 mm		38	Each	6980	265240	Rupees Two Lakh SixtyFive Thousand Two Hundred Fourty Only
27	MS FILLING CABINET	Specification overall size: 1327mmH x 453mmW x 620mmD Internal drawer size: 270mmH x 392mmW x 580mmD 1. Ms Steel of 18 swg, Fully welded top 2. Internally assembled carcass construction 3. Slimline carcass design 4. Zinc base plate 5. Compact lock 6. Full-width PVC handle 7. Welded internal cabinet frame 8. Full height zinc seal drawer body 9. Optional drawer file divider rack 10. Full extension ball bearing runner system 11. 670mm high 2 drawer unit for underdesk storage 12. Finish: Powder coat (45-50microns thickness)		4	Each	18700	74800	Rupees SeventyFour Thousand Eight Hundred Only
28	COMPUTER WALL MOUNTING RUNNING TABLE	Computer lab workstation one station size should be : L900*600D Table Top Height : 750mm Partition Height : 1200MM Clearance from Ground For the back wall 450mm Material table top: 25mm sides and back : 18 mm .The Co should bear Green Co Certification – Green Company rating system developed by Confederation of Indian Industry (CII). and IGBIC Green Pro certificate for product category. And should be BIFMA, AIOTA for OFFICE FURNITURE range for ergonomic design/Greenpro products certificate for compliances (low VOC emission)		20	Each	7400	148000	Rupees One Lakh FourtyEight Thousand Only

29	Public Seating Waiting area	Three Seater Waiting sofa Overall Size 1680W x 650D x 755H 10 mm, Seat Height 425mm, Seat & Back made of 1.2mm thick perforated sheet metal duly powder coated, Seat & back made of CRCA Sheet Perforated (Base & Back Are In Single L Shape With Radius At Bend) Powder Coated In Silky Silver Base Frame Beam 80H x 40W x 1795L 1.82mm Thick, Height of the seat from floor 425mm, Beam MS ERW Rectangular Tube Black Powder Coated, Leg Metal Plated Rectangular MS Structure, Bow Shaped 1.2mm Thick Sheet, 1.2mm Thick Arm Rest Chrome Plated Rectangular MS Structure, Perforated Seat & Back fixed with MS Brackets duly powder coated, Level Adjuster Chrome Plated MS Cap With PVC Inserted Black Colour, All Pipes Shall Be Welded Properly Strongly and conformity with regulations		10	Each	14240	142400	Rupees One Lakh FortyTwo Thousand Four Hundred Only
30	Computer Table for office	Computer table Computer Table Top and other parts made from 18mm Thick PLPB Board as Per Approved Laminate Shade. Top Supported Understructure Of Table Gable - End Made Of Prime Quality 18mm Thick PLPB Board. Top Size 900W X 600D. Pencil Drawer Size 300W X 350D X 170H. Table Right Hand Side Provided Pencil Drawer With Lock & Handle Other Provision One No. Of Open Shelve. Sliding Keyboard Tray Used Telescopic Channel With All Fittings. One Shelve Provided For UPS. Pvc Bofurs Screw With Gable - end. All Wooden Panels Cleaning Corner Knitted		25	Each	7560	189000	Rupees One Lakh EightyNine Thousand Only
			Total				10007532	Rupees One Crore Seven Thousand Five Hundred ThirtyTwo Only

	Grand Total				102572979	TEN CRORE TWENTY FIVE LAKH SEVENTY TWO THOUSAND NINE HUNDRED SEVENTY NINE ONLY

Executive Engineer
MPHIDB
Dn-01 Gwalior

WORKING DRAWING OF PROPOSED
COLLEGE BUILDING AT DIFFERENT PLACES
IN M.P. (FINANCIAL YEAR 2021-2022).

GROUND FLOOR PLAN

STATEMENT OF AREA

GROUND FLOOR	2110.00 S.QM. APPROX. (INCLUDING RAMP, STAIRS, CORRIDOR, PORCH)
FIRST FLOOR	1900.00 S.QM. APPROX. (INCLUDING RAMP, STAIRS, CORRIDOR)
TOTAL	4010.00 S.QM. APPROX.

SCHEDULE OF OPENINGS

TYPE	SIZES(M.)	S.L.(M.)	L.L.(M.)	REMARKS
AG	6.10X2.55	0.00	2.55	ALUMINUM GLAZING WITH PIVOTED DOOR REFER DETAIL
GD1	3.00X2.55	0.00	2.55	M.S.TUBULER FRAME GRILL DOOR SHUTTER WITH SIDE GRILL.
D	1.50X2.55	0.00	2.55	M.S.TUBULER FRAME DOUBLE SHUTTER DOOR WITH 35MM. THICK BOTH SIDE PRELAMINATED FLUSH SHUTTER AND GLAZED FANUIGHT WITH M.S. GRILL
D1	1.20X2.55	0.00	2.55	M.S.TUBULER FRAME DOUBLE SHUTTER DOOR WITH 35MM. THICK BOTH SIDE PRELAMINATED FLUSH SHUTTER AND GLAZED FANUIGHT WITH M.S. GRILL
D2	1.00X2.55	0.00	2.55	M.S.TUBULER FRAME DOUBLE SHUTTER DOOR WITH 35MM. THICK BOTH SIDE PRELAMINATED FLUSH SHUTTER AND GLAZED FANUIGHT WITH M.S. GRILL
D3	0.80X2.10	0.00	2.55	FACTORY MADE BOTH SIDE LAMINATED 100% SOLID U.P.V.C. FLUSH DOOR
D4	1.00X2.10	0.00	2.55	FACTORY MADE BOTH SIDE LAMINATED 100% SOLID U.P.V.C. FLUSH DOOR 24 MM. THICK DOUBLE SHUTTERS AND FRAMES OPENABLE OUT SIDE
W	1.50X1.65	0.90	2.55	M.S. TUBULAR FRAME WINDOW WITH M.S. SHEET SHUTTER WITH GLAZED FAN - LIGHT AND M.S. GRILL
W1	1.20X1.65	0.90	2.55	M.S. TUBULAR FRAME WINDOW WITH M.S. SHEET SHUTTER WITH GLAZED FAN - LIGHT AND M.S. GRILL
KW	1.20X1.35	1.20	2.55	M.S. TUBULAR FRAME WINDOW WITH M.S. SHEET SHUTTER
SW	1.20X1.00	1.00	1.55	ALUMINUM SLIDING WINDOW
V	1.50X0.45	-	BEAM BOTTOM	M.S. TUBULAR FRAME TOP HUGE VENTILATOR OPENABLE AT OUT SIDE WITH GLASS SHUTTER FITTED BELOW SLAB BEAM
V1	1.20X0.45	-	BEAM BOTTOM	M.S. TUBULAR FRAME TOP HUGE VENTILATOR OPENABLE AT OUT SIDE WITH GLASS SHUTTER FITTED BELOW SLAB BEAM
V2	0.90X0.45	2.10	2.55	M.S. TUBULAR FRAME TOP HUGE VENTILATOR OPENABLE AT OUT SIDE WITH GLASS SHUTTER

NOTES :-

- * EXECUTION TO BE DONE AS PER THE PLAN AND AREA APPROVED BY HIGHER EDUCATION DPTT.
- * DIMENSIONS MAY VARY SLIGHTLY AS PER STRUCTURAL DESIGN.
- * DO NOT SCALE THE DRG. FOLLOW WRITTEN DIMENSIONS ONLY.
- THIS DRG. SHOULD NOT BE TRACED OR REPRODUCED, SPARE COPIES CAN BE OBTAINED FROM CHIEF ARCHITECT .
- ALL STRUCTURAL COMPONENTS SHALL BE EARTHQUAKE RESISTANT
- * AS PER THE LATEST BIS PROVISIONS.
- NECESSARY BUILDING PERMISSION SHOULD BE OBTAINED FROM LOCAL MUNICIPAL BODIES.



M.P. HOUSING & INFRASTRUCTURE
DEVELOPMENT BOARD

PROJECT NO. 181/DW

DRG. NO. 181/DW-1

DATE 11 / 08 / 2021

SCALE

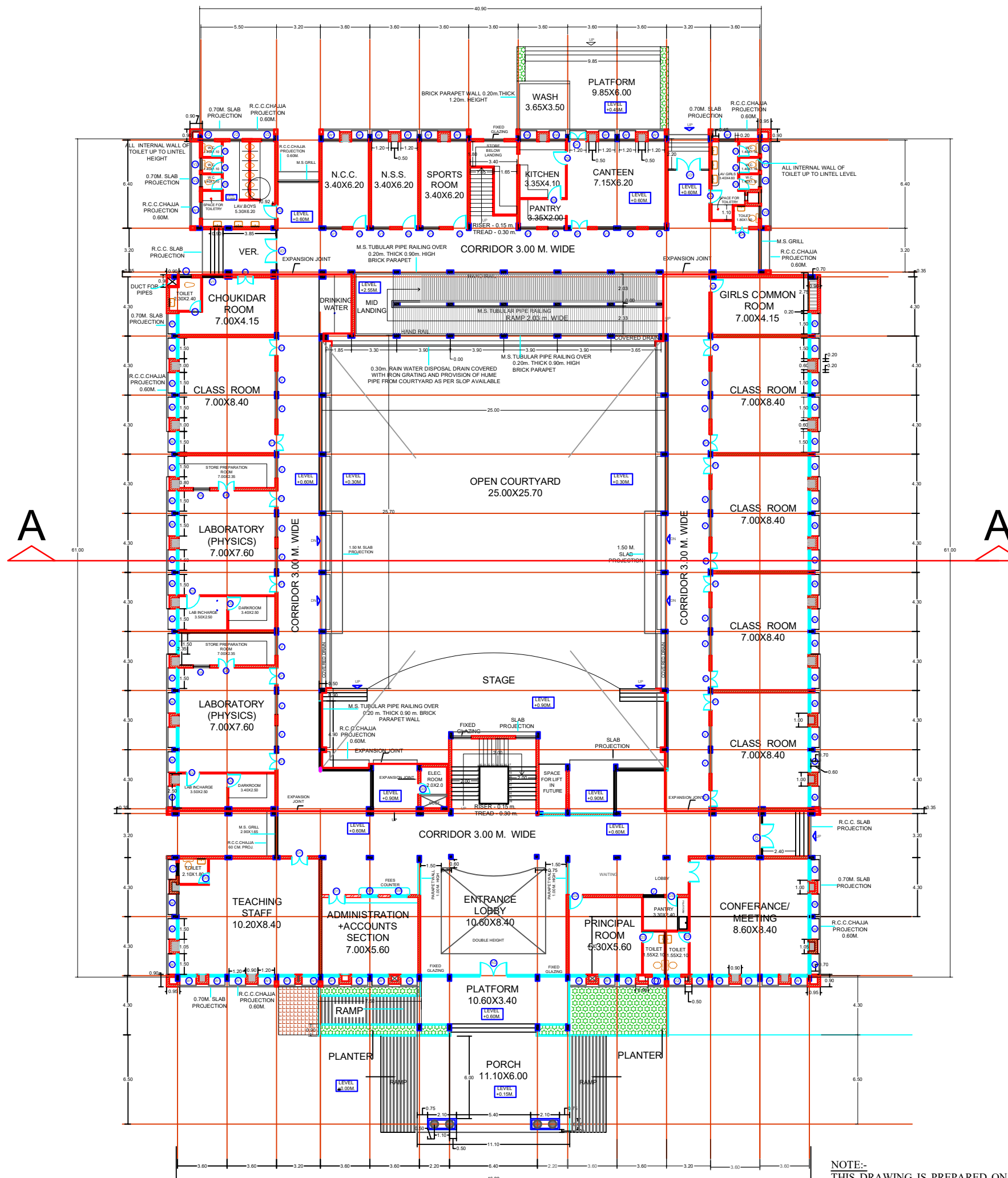
NORTH

SUPRIYA & SANGEETA
DEALT

SUNIL PRADHAN
ASSTT. ARCHITECT

ARATI NAIK
ARCHITECT

SUNITA SINGH
CHIEF ARCHITECT



GROUND FLOOR PLAN

NOTE:-
THIS DRAWING IS PREPARED ON THE BASIS OF CONCEPT PLAN APPROVED BY M.P. GOVT. HIGHER EDUCATION DEPARTMENT AS COMMUNICATED BY OFFICE OF THE COMMISSIONER HIGHER EDUCATION, BHOPAL VIDE LETTER NO.239/308/AAUSHI/NIRMAN/SHAKHA - 6/2021 DATE 15/02/2021 AND ADMINISTRATIVE PERMISSION FROM HIGHER EDUCATION DEPARTMENT VIDE LETTER NO. F 21-4/2015/38-2 BHOPAL DATED 29.06.2021

WORKING DRAWING OF PROPOSED
COLLEGE BUILDING AT DIFFERENT PLACES
IN M.P. (FINANCIAL YEAR 2021-2022).

FIRST FLOOR PLAN

STATEMENT OF AREA

GROUND FLOOR	2110.00 S.QM. APPROX. (INCLUDING RAMP, STAIRS, CORRIDOR, PORCH)
FIRST FLOOR	1900.00 S.QM. APPROX. (INCLUDING RAMP, STAIRS, CORRIDOR)
TOTAL	4010.00 S.QM. APPROX.

NOTES :-

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M.P. HOUSING & INFRASTRUCTURE
DEVELOPMENT BOARD

PROJECT NO. 181/DW

DRG. NO. 181/DW-2 DATE 11 / 08 / 2021

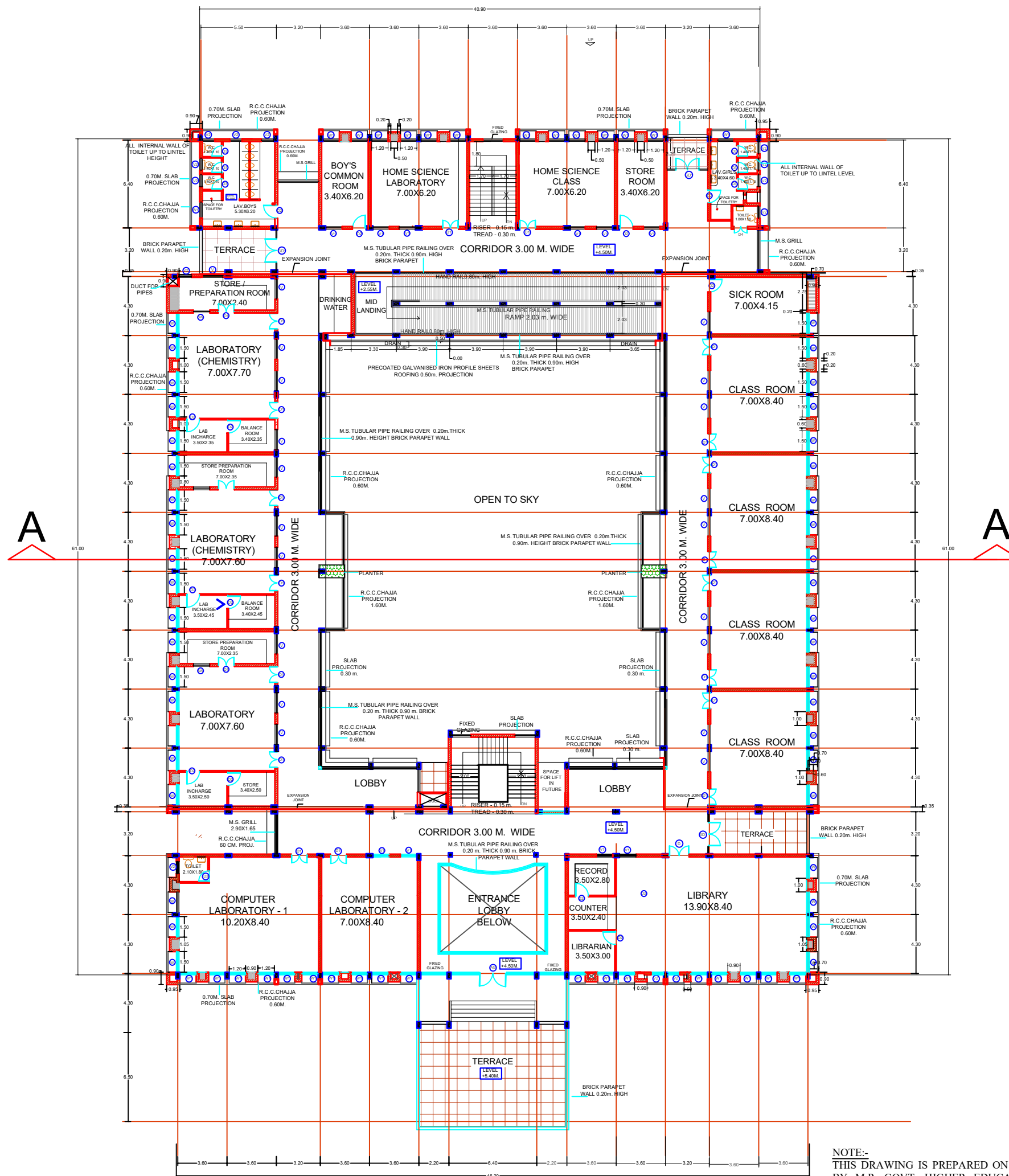
SCALE NORTH

SUPRIYA & SANGEETA
DEALT

SUNIL PRADHAN
ASSTT. ARCHITECT

ARATI NAIK
ARCHITECT

SUNITA SINGH
CHIEF ARCHITECT



FIRST FLOOR PLAN

NOTE:-
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WORKING DRAWING OF PROPOSED
COLLEGE BUILDING AT DIFFERENT PLACES
IN M.P. (FINANCIAL YEAR 2021-2022).

TERRACE FLOOR PLAN

STATEMENT OF AREA

GROUND FLOOR	2110.00 S.QM. APPROX. (INCLUDING RAMP, STAIRS, CORRIDOR, PORCH)
FIRST FLOOR	1900.00 S.QM. APPROX. (INCLUDING RAMP, STAIRS, CORRIDOR)
TOTAL	4010.00 S.QM. APPROX.

NOTES :-

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M.P. HOUSING & INFRASTRUCTURE
DEVELOPMENT BOARD

PROJECT NO. 181/DW

DRG. NO. 181/DW-3 DATE 13 / 08 / 2021

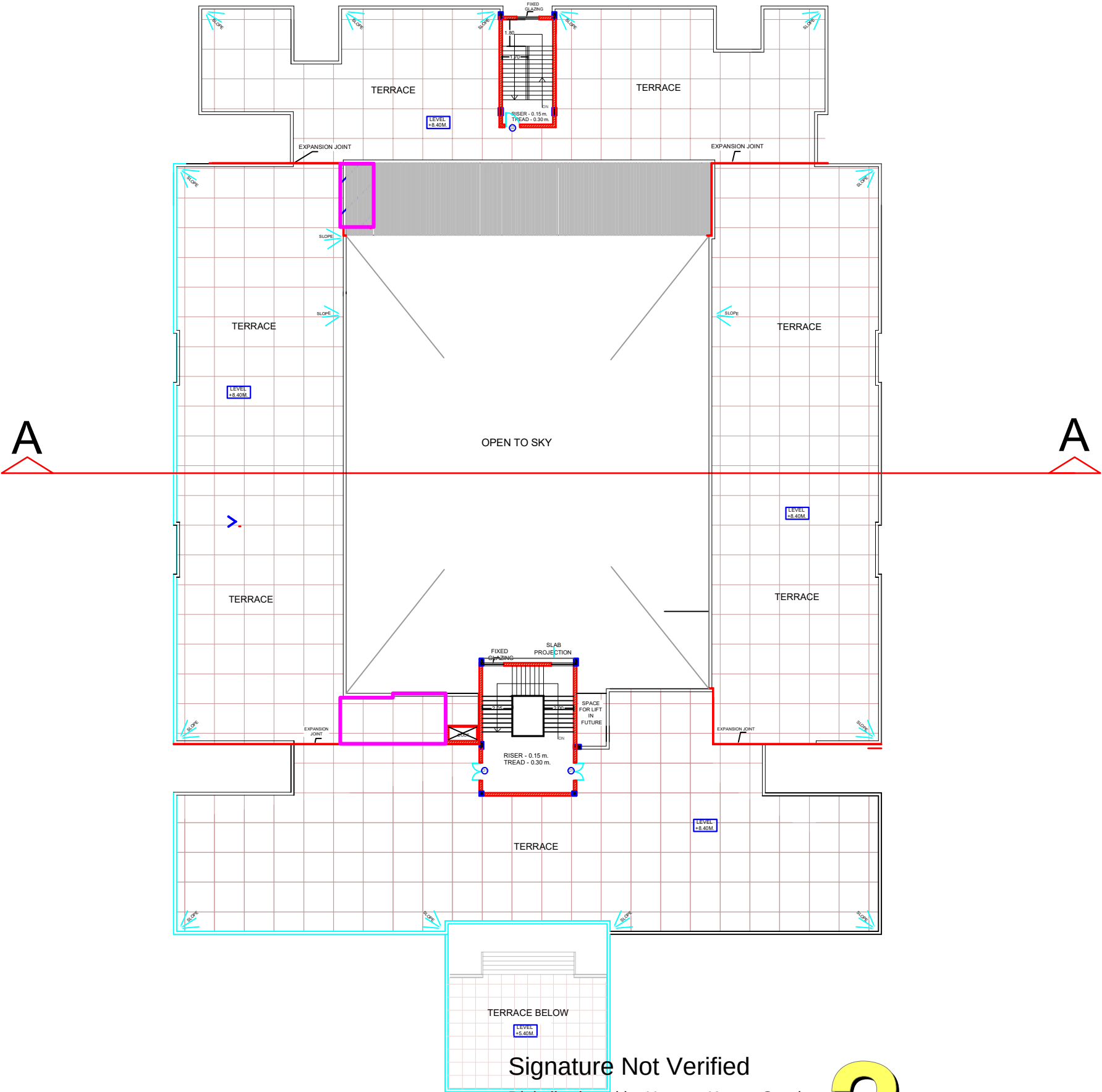
SCALE NORTH

SUPRIYA & SANGEETA
DEALT

SUNIL PRADHAN
ASSTT. ARCHITECT

ARATI NAIK
ARCHITECT

SUNITA SINGH
CHIEF ARCHITECT



TERRACE FLOOR PLAN

Digitally signed by Hemant Kumar Guraiya
Date: 2026.05.07 16:49:06 IST
Location: Madhya Pradesh-MP



NOTE:-
THIS DRAWING IS PREPARED ON THE BASIS OF CONCEPT PLAN APPROVED BY M.P. GOVT. HIGHER EDUCATION DEPARTMENT AS COMMUNICATED BY OFFICE OF THE COMMISSIONER HIGHER EDUCATION,BHOPALVIDE LETTER NO.239/308/AAUSHI/NIRMAN/SHAKHA - 6/2021 DATE 15/02/2021 AND ADMINISTRATIVE APPROVAL FROM HIGHER EDUCATION DEPARTMENT VIDE LETTER NO. F 21-4/2015/38-2 BHOPAL DATED 29.06.2021