

Behind Ram Janaki Mandir Sahabganj Ayodhya

Notice Inviting E-Tender

Tender Notice No.: 646/E E/Ayo/E-Tender/Pensioner Hall /2026- 27

Dated : 14.05.2026

1- U.P. State construction and Infrastructure Development Corporation Ltd., TC/46-V, Vibhuti Khand, Gomti Nagar, Lucknow invites in 2 bids system sealed tenders on percentage rate bids from eligible and registered contractors of U P State construction and Infrastructure Development Corporation Ltd. registered in D and Above class Bidders .

S. N.	Name of Work	Estimated Cost (Rs. In lacs)	Earnest Money (Rs. In lacs)	Cost of Bid Document in Rs.	Time of Completion (in months)	Address of sale of tenders	Place of submission of tender
1	2	3	4	5	6	7	8
1	Construction of Pensioner Hall at Ambedkernagar Distt. Ambedkernagar (संलग्न विल आफ क्वॉरिटी के अनुसार)	Rs 30.46 Lacs (Without GST)	Rs 0.61 Lacs	Rs 1652.00 (With GST)	06 Months	To be downloaded from the e-tender portal of nic "etender.up.nic.in"	To be uploaded on e-tender portal of nic.

- 2- The contractors who ful fill the following requirements on bid submission end date shall be eligible to apply.
- i) Should have successfully completed similar works during the last Five years as a prime contractor satisfying either of the following.
 - a) Three similar completed works each costing not less than 40% of Tendered cost.
Or
 - b) Two similar completed works each costing not less than 60% of Tendered cost.
Or
 - c) One similar completed work costing not less than 80% of Tendered cost.

Note:- One Completed work of similar nature costing not less than the amount equal to mentioned above of the estimated cost put to tender with some Central Government Department/ State Government Department / Central Autonomous Body/ Central Public Sector undertaking.
 - ii) Should have an average annual financial turnover of 50 % of estimated cost on construction work of similar nature during last three years, ending 31st March 2025 (copy of Balance Sheet duly certificate from C.A. to be submitted). (In case of audited balance sheet not submitted Provisional Balance Sheet & Turn Over for F. Year 2024- 25 duly certified by C. A. may be accept)
 - iii) Should not have incurred any loss in more than two years during the last Three years. Solvency certificate form Bankers issued within 12 month from the date of nit or issued by District Magistrate to be submitted.
 - iv) Information regarding projects in hand, current litigation, orders regarding exclusion, expulsion or black listing, if any should be indicated.
- 3- The bids shall remain valid for acceptance for a period of 90 days from the last date of submission of bids.
- 4- Bidders shall upload two separate covers covers marked "technical bid" and fee in PDF format and "financial bid" in cover "b" in Excel format.
- 5- Financial bids shall be opened of those bidder whose bids are technically qualified tender cost and E.M.D. properly submitted and found eligible. Scanned copy of E M D and Tender fee transaction detail to be uploaded with technical bid. In financial bid rates shall be quoted by contractor Exclusive of taxes (GST as applicable shall be paid extra) Please refer para 16.08.03 of Special Condition of Contract.
- 6- A set of Bidding documents may be downloaded from the e-tender portal of NIC as mentioned in column- 7 between dated mentioned in tender input form section 'F' (critical dates).
- 7- A pre bid meeting shall be held in the office of the S E UP SCIDCO Ayodhya On dated as scheduled in portal.
- 8- Bid will be uploaded on e-tender portal of NIC on dated mention in section 'F' and the technical bids will be opened on date as scheduled in portal, in the office of S E office up Scidco Ayodhya, and the name of qualified bidders Shall be uploaded to portal, the financial bids shall be opened on dated mention in section 'F' and name of successful bidder shall be uploaded and displayed.
- 9- Bids must be accompanied with tender fee of the amount specified for the work. The Tender fee must be deposited online in bank account in favor of U.P. State Construction and Infrastructure Development Corporation Limited. Bank account details are as follows-

Bank A/C No - 00670100019052

Name of Bank - BANK OF BARODA

Branch - Main Branch Ayodhya

IFSC CODE - BARB0FAIZAB

- 10- Bids must be accompanied with earnest money of the amount specified for the work. The Earned Money may be deposited in the form of Demand draft or F.D.R. of a Nationalized bank/Scheduled bank (HDFC/ICICI/AXIS BANK only) payable at Ayodhya in favour of U.P.State Construction and Infrastructure Development Corporation Limited.The intending bidders has to fill all the details such as bankers name, Demand Draft/F.D.R. No. with Amount and date of issue.
- 11- Pan, GSTIN, EPF registration, Labour & ESIC must be submitted
- 12- No Engineer of gazetted rank or other Gazetted officer employed in Engineering or Administrative duties in an Engineering Department of the state/ Central Government is allowed to work as a contractor for a period of two years after his retirement from government service, without Government permission. This contract is liable to be cancelled if either the contractor or any of his employees is found any time to be such a person who had not obtained the permission of the Government as aforesaid before submission of the tender or engagement in the contractor's service.
- 13- Any bidder who is having criminal record is not allowed to participate in the bidding process.
- 14- Any bidder who is registered with the state Bar council is not allowed to participate in the bidding process.
- 15- Bidding Document's general conditions of contract can be seen with tender document.
- 16- The successful bidder will have to submit 5% performance guarantee of the tendered cost in the form of bank guarantee or FDR of nationalized bank/Scheduled bank (HDFC/ICICI/AXIS BANK)
- Interested bidders can download the e- tender document & condition form e-tender portal of Govt of Uttar Pradesh i.e. [http:// e-tender.up.nic.in](http://e-tender.up.nic.in) in the bid shall be submitted on line using a valid Digital Signature certificate. No other mode of submission is permitted. Bidders are advised to attend the prebid meeting.
- 17- Bid Capacity (on Rs 100.00 Non Judicial Stamp papers) should be uploaded with duly verified by C A in format. (Form - A1 and Form A2) as attached in Pre Qualification document and should be Sing and Seal by both C. A. and Bidder.
- 18- Certificate issued By C A for detail of GSTR-1 and GST-3B ending Financial Year March 2025 should uploaded.
- 19- UPSCIDCO Ltd. Reserves the right to reject any or all the application or limit the short list to any number or annul this process without assigning any reason whatsoever.
- 20- ठेकेदार अथवा ठेकेदार द्वारा नियुक्त प्रतिनिधि द्वारा निविदा प्रकाशन की तिथि के पश्चात साइट का भली भँति निरीक्षण करना अनिवार्य होगा। निरीक्षण के दौरान ठेकेदार एवं फर्म की नाम पट्टिका स्पष्टरूप से प्रदर्शित की जानी चाहिए। जिसकी जी0पी0एस0 लोकेशन सक्षम फोटोग्राफी करना अनिवार्य होगा। फोटोग्राफ में साइट का वास्तविक दृश्य और नाम पट्टिका स्पष्टरूप से दिखाई देनी चाहिए।
- 21- निरीक्षण के उपरान्त ली गयी जी0पी0एस0 फोटोग्राफ का निर्धारित पोर्टल/ प्लेटफार्म पर अपलोड करना अनिवार्य होगा ताकि यह सुनिश्चित हो सके कि साइट का निरीक्षण किया गया है।
- 22- ठेकेदार को साइट निरीक्षण की पुष्टि हेतु जी0पी0एस0 फोटोग्राफ और नाम पट्टिका का विवरण तकनीकी विड के साथ अपलोड करना होगा।
- 23- निविदा प्राधिकारी निरीक्षण दस्तावेजों और फोटोग्राफ की पुष्टि करेगा, यदि निरीक्षण का पालन नहीं किया जाता है तो ठेकेदार की विड अस्वीकार कर दी जायेगा।
- 24- प्रतिभाग करने वाली फर्मों द्वारा नयी पंजीकरण व्यवस्था के अनुसार हैसियत प्रमाण पत्र डी, सी, बी, ए एवं ए+ के अनुसार क्रमशः 10.00 लाख, 40.00 लाख, 80.00 लाख 150.00 लाख एवं रु0 300.00 लाख अपलोड किया जाना अनिवार्य होगा अन्यथा तकनीकी विड अस्वीकृत कर दी जायेगी जिसकी पूर्ण जिम्मेदारी फर्म की होगी।

Note - Any addendum of corrigendum or any other update shall be available on [http:// e-tender.up.nic.in](http://e-tender.up.nic.in) in there fore Bidders are requested to refer to the e-tender portal from time to time for any addendum/ corrigendum/ other update regarding the e- tender

U.P. State construction and Infrastructure
Development Corporation Ltd

(Executive Engineer)

TENDER DOCUMENT
VOLUME I-A
PRE-QUALIFICATION BID

Name of Work :	:	Construction of (Work Name) Construction of Pensioner Hall at Ambedkernagar Distt. Ambedkernagar
Estimated Cost	:	Rs. 30.46 Lac
Cost of Tender Documents	:	Rs. 1652.00
Earnest Money	:	Rs. 0.61 Lac
Time of Completion	:	06 Month
Defects liability period	:	12 Month
Validity of Tender	:	90 Days
Publishing start date of tender on NIC	:	15.05.2026 from 9.00 AM
Document sale start date	:	15.05.2026 from 9.10 AM
Document sale end date	:	22.05.2026 up to 09.00. AM
Seek clarification start date	: from AM
Seek clarification end date	:up to PM
Pre bid meeting date	:	16.05.2026 from 11.00 AM
Bid submission start date	:	15.05.2026 from 09.30 AM
Bid submission end date	:	22.05.2026 up to 09.00 AM
(i) Pre- Qualification BID opening date	:	22.05.2026 at 11.00 AM
(ii) Price BID opening date	:	

INSTRUCTIONS OF THE TENDERER :

1. The tender shall be submitted as two bid system in accordance with the procedures detailed here in Specified documents shall be submitted in envelope of appropriate format,
2. Conditional tender will not be considered.
3. Tender documents are to be submitted in two cover marked (A)Pre Quali/Technical/Fee Technical Bid and marked (B) for Financial Bid. Each and every document to be submitted must be numbered and its number must be indicated in the following index :-

Index of documents to be submitted along with tender

S.No.	Type of Document	Page No.
Technical Cover (A) Only in PDF file		
i)	Pre-qualification Bid	: 1 to _____
ii)	Earnest Money Dated & No.	: _____
iii)	Experience Certificates	: _____
iv)	Liquid Asset Certificate	: _____
v)	I.T.C.C./Audited Balance Sheet.....	: _____
vi)	Affidavit of T&P	: _____
vii)	Affidavit of Technical Staff	: _____
viii)	Partnership Deed/ M.O.U. / Partnership	: _____
ix)	Authority Letter	: _____
x)	Any other Documents	: _____

Financial Cover (B)

- i) Price Bid for % rate tender only in Excel format.

Pre-Qualification Notice

1. Applications are invited from Civil Contractors registered with UP State construction and Infrastructure Development Corporation for Construction of (Work Name)
 2. The work is to be completed in a time bound schedule of 15 months from the date of start of the project and shall be carried out with specified specifications, workmanship and quality.
 3. UPSCIDCO LTD. reserves the right to deny pre-qualification to any applicant without assigning any reason.
 4. Each page of the application shall be duly signed by the applicant or a person duly authorized to sign on behalf of the applicant organisation. Such authorization shall be in the form of a written Power of Attorney and should accompany the application
 5. Even if the applicant organisation satisfies all the required conditions, they are liable to be disqualified if they have:-
 - a. Made any untrue/false representation in the application, statements and attachments required in the pre-qualification documents.
 - b. Record of poor performance such as abandoning work, not properly completing the contract or financial failures or poor workmanship in ongoing/past projects
 6. Only firms, pre-qualified under this procedure, will be eligible for the opening of envelop (B) price bid.
 7. All erasures and alternations made while filling the tenders must be attested by the authorized signatory of the bidder. Overwriting of figures is not permitted.
 8. Any tender, which is not accompanied by the earnest money deposit, shall be summarily rejected.
 9. This document is not transferable.
 10. Any form of canvassing at any stage will disqualify the tender
- NOTE:- Documentary evidence for each of the above Pre-Qualification criteria should be uploaded with the Pre-Qualification Bid, failing which the offer will be rejected summarily.

Pre-Qualification Application
(To be submitted In Applicant's Letter Head)

To

The Executive Engineer
U.P. State Construction and Infrastructure development Corporation LTD.
Behind Ram Janaki Mandir Sahabganj Ayodhya .(U.P.)

Sub:- Application for Pre-Qualification of contractors for execution of Civil, Sanitary and Electrical works for the construction of

Dear Sir,

1. Having examined the Pre-Qualification document including scope of works and time frame, I/we hereby submit all the necessary information and relevant documents for pre-qualifying me/us for bidding for the above stated works.
2. The application is made by me/us on behalf of _____ in the capacity of _____. I/We duly authorized to submit the offer.
3. Necessary evidence, as admissible in law, in respect of authority assigned to me/us on behalf of the firm for applying and for completion of the contract document is attached herewith.
4. An EMD of Rs._____/ - by way of DD No/Online payment, _____ dated _____ drawn on _____ favoring UPSCIDCO LTD. PAYABLE AT IUCKNOW is enclosed/uploaded already.
5. I/We understand that only the firms pre-qualified will be invited to tender for the project as a whole or in part at discretion of UPSCIDCO LTD.
6. I/we understand that UPSCIDCO LTD. reserves the right to reject any or all applications without assigning any reason.

Yours faithfully,

(Authorized Signatory)
Official Seal

Encl:- As above

1. Complete Application format as per Schedule A
2. Evidence of Authority to sign .
3. Latest Company Profile
4. Copies of documents submitted

- a)
- b)
- c)
- d)



Behind Ram Janaki Mandir Sahabganj Ayodhya

SCHEDULE - A
(Application Format)

SL. NO.	PARTICULARS	
1.	ORGANISATION DETAILS	
i)	Name of the firm/ Contractor	
ii)	Address of the firm with telephone, fax no., email (if any)	
iii)	Year of Establishment/Registration	
iv)	Status of the firm (Individual/ Partnership/Pvt. Ltd/Public Ltd.) (Documentary evidence to be attached)	
v)	Name of Directors/Partners/Proprietor	i) ii) iii)
2.	FINANCIAL DETAILS	
i)	Name and address of Bankers	i) ii) iii)
ii)	Whether Solvency certificate (for minimum Rs. _____ lacs) enclosed	
iii)	Annual Turn-over during the last 3 financial years (in Lacs)	i) 2022-23 ii) 2023-24 iii) 2024-25
iv)	PAN No. and Income Tax Returns for the last Three years (Please attach as annexure)	PAN NO.
v)	Furnish copies of audited Balance Sheet and profit & loss account (audited) for the last Three years. (Please attach as annexure)	
vi)	GST registration No. (Attach registration certificates as annexure)	GSTIN
vii)	EPF/ESI Registration No. (Attach registration certificates as annexure)	EPF ESI
3.	REGISTRATION DETAILS	
i)	(Enclose registration Certificate as annexure)	
4.	ORK EXPERIENCE	
	Please provide the following informations/details pertaining to similar projects or projects of similar magnitude completed during last 7 years or presently under construction in the format given below. Attach separate sheets for each project. Enclose copy of the completion certificate/work order from Competent Authority of a GOVT ORGANISATION for each project. Photographs of the projects completed/under construction may also be enclosed.	
5.	INFRASTRUCTURAL FACILITIES OF THE FIRM	
i)	EQUIPMENT	Appendix 'D'
	Construction/Execution equipment (Provide a list of plants and machineries available with the organisation with numbers)	
ii)	MANPOWER (Qualified Professional)	Appendix 'C'
Note: Where copies are required to be furnished. These are to be certified copies preferably by the concerned issuing agencies or a Government officer.		

APPENDIX 'A'

The following works awarded to M/s have been executed satisfactory.

Sl. No.	Name of Work	Total value of work done (Rs. In lacs)	Date of start	Stipulated date of completion	Actual Date of Completion	Whether any compensation levied for delay
1.						
2.						
3.						
4.						
5.						

The performance of the firm has been found to be good and they are considered capable of executing the works of magnitude upto Rs. Lacs.

The financial position of the firm appears to be sound and they are capable of executing works in accordance with the specifications and within specified time schedule.

The dealing of the firm have been observed to be cordial reasonable and they are not litigious.

Dated SIGNATURE OF
Officer-in-Charge of the work
Name of Officer
Official Seal

Telephone No. (Off)
(Res)
Fax No. (Off.)
(Res)

If any tenderer submits the experience certificate of on going work, then amount of work done against the agreement is to be mentioned clearly in the certificate.

APPENDIX 'B'

This is to certify that dealings of M/s who have been dealing with us for last Years are satisfactory. On the basis of Information available with us we assess their Liquid Assets not less than Rs. Lacs.

SIGNATURE OF MANAGER OF THE BANK

Seal of the Bank
Date



APPENDIX 'C'

I/we S/o Partners/Authorised person M/s applicant of for pre-qualification hereby declare that following person(s) is in my/our regular employment on the post and from the dates mentioned against them.

Sl. No.	Name and Address	Technical Qualification	Post held Regular	Date of Employment	Details of Experience
1.					
2.					
3.					
4.					
5.					
6.					
7.					
8.					
9.					
10.					

SEAL
SIGNATURE OF APPLICANT
(NOTARY PUBLIC)

अनुबन्ध

यह अनुबन्ध के अन्तर्गत जनपद 30 प्र० (जिन्हें आगे ग्राहक विभाग कहा गया है) द्वारा यू० पी० स्टेट कांस्ट्रक्शन एण्ड इन्फ्रास्ट्रक्चर डेवलपमेन्ट कारपोरेशन लि०, इकाई (जिन्हें आगे निगम कहा गया है) के अधीन को सम्पादित कराये जाने है, जिसकी लागत लाख है को प्रतिशत कम दरों पर कराने हेतु तैयार हैं, को कराने हेतु अनुबन्ध निगम एवं मेसर्स / श्री (जिन्हें आगे ठेकेदार कहा गया है) के मध्य दिनांक को निष्पादित किया जा रहा है, दोनों पक्षों के मध्य सम्पादित हो रहे अनुबन्ध की शर्तें एवं दशायें निम्नवत् हैं:-

- 1- ठेकेदार द्वारा दी गयी निविदा दरों के आधार पर कार्य के बिल आफ क्वान्टिटी की धनराशि रु० लाख है। निगम के पत्रांक के द्वारा ठेकेदार को कार्य आवन्तन पत्र (एल ओ आई) जारी किया गया है। जिसके अनुसार कार्य प्रारम्भ करने की तिथि एल ओ आई की तिथि से दिन है तथा कार्य पूर्ण करने की अवधि एल० ओ० आई० जारी करने की तिथि से 06 माह होगी
- 2- ठेकेदार को कार्य प्रारम्भ करने के पूर्व सम्बन्धित विभिन्न विभागों (पुरातत्व / विकास प्राधिकरण) से आवश्यकतानुसार क्लीयरेंस प्राप्त करना आवश्यक होगा परन्तु उक्त मद में ठेकेदार द्वारा व्यय की गयी धनराशि का भुगतान ग्राहक विभाग से प्राप्त धनराशि से ठेकेदार द्वारा कार्य का वास्तविक बिल प्रस्तुत करने पर निगम द्वारा किया जायेगा।
- 3- ठेकेदार को जारी कार्य आवन्तन पत्र एवं अनुबन्ध, निगम को आवन्तित कार्य के विषय में ठेकेदार को ग्राहक विभाग के साथ किसी प्रकार के सीधे औपचारिक पत्र व्यवहार के लिए अधिकृत नहीं करता है। अनुबन्ध के कारण ठेकेदार का कार्य एवं कार्य की भूमि पर किसी प्रकार का स्वामित्व/अधिकार प्राप्त नहीं होगा।
- 4- ठेकेदार द्वारा कार्य का सम्पादन, निगम द्वारा उपलब्ध कराये गये मानचित्रों विशिष्टियों एवं संरचना के आधार पर तथा निगम के उच्चाधिकारियों द्वारा समय-समय पर दिये गये निर्देशों के अनुरूप किया जायेगा तथा निगम के अभियन्ता/ उच्चाधिकारियों को किसी भी समय पर कार्य का निरीक्षण एवं गुणवत्ता की जांच किये जाने का पूरा अधिकार होगा।
- 5- लोक निर्माण विभाग/ केन्द्रीय लोक निर्माण विभाग के मानकों के अनुरूप कार्यस्थल पर प्रयुक्त होने वाली सामग्री को प्रयोग में लाये जाने का उत्तरदायित्व ठेकेदार का होगा। निर्माण सामग्री के नमूनों को ग्राहक विभाग/ निगम द्वारा अनुमोदित कराने के पश्चात ही प्रयोग में लाया जायेगा। ग्राहक विभाग/ निगम द्वारा किसी निर्माण सामग्री या सम्पादित कार्य के नमूने का परीक्षण किसी चयनित संस्था/ कार्यस्थल पर स्थापित लैब से कराये जाने की दशा में परीक्षण व्यय की प्रतिपूर्ति ठेकेदार के बिल से की जायेगी। किसी सामग्री के विशिष्टियों के अनुरूप न पाये जाने पर अथवा टेस्ट में कोई सामग्री फेल होने की दशा में उक्त सामग्री को तत्काल अपने व्यय पर कार्यस्थल से हटाने नहीं सामग्री आदि की व्यवस्था करने का दायित्व ठेकेदार का होगा।
- 6- ठेकेदार द्वारा निर्माण कार्य में प्रयोग की जाने वाली समस्त सामग्री वांछित मानकों के अनुरूप होनी चाहियें। सामग्री की गुणवत्ता के सम्बन्ध में ठेकेदार द्वारा टेस्ट अपने व्यय पर कराते हुए सार्टिफिकेट / वांछित अभिलेख निर्धारित मानक आवृत्ति के अनुसार निगम के उच्चाधिकारियों के समक्ष प्रमाण हेतु समय-समय पर प्रस्तुत किये जायेगें। यदि निर्माण कार्य में प्रयोग की जाने वाली कोई भी सामग्री वांछित मानकों के अनुरूप नहीं पायी जाती है तो उसको अस्वीकार करने तथा उसका निर्माण कार्य पर उपयोग रोके जाने का पूर्ण अधिकार निगम का होगा।
- 7- निर्माण कार्य से सम्बन्धित अस्थायी जल एवं विद्युत की व्यवस्था ठेकेदार द्वारा अपने व्यय पर की जायेगी। तथा कार्यस्थल तक निर्माण सामग्री पहुंचाने हेतु आवश्यकतानुसार पहुँचमार्ग ठेकेदार द्वारा अपने स्वयं के व्यय पर बनाया जायेगा उक्त के मद में निगम द्वारा किसी भी प्रकार का भुगतान देय नहीं होगा।
- 8- ठेकेदार द्वारा निगम में प्रयोग हेतु कार्यस्थल पर अनुमोदित ड्राइंग के अनुरूप कार्यालय, विद्युत एवं जलापूर्ति फर्नीचर की व्यवस्था सहित उपलब्ध कराया जायेगा। ग्राहक विभाग द्वारा इस मद में निगम को प्रतिपूर्ति किये जाने की दशा में उक्त सीमा तक ठेकेदार को भी इस मद में किये गये व्यय की प्रतिपूर्ति की जायेगी।
- 9- ठेकेदार द्वारा निर्माण कार्यों के कराये जाने के दौरान अथवा कार्य पूर्ण होने के पश्चात उसकी जांच टी ए सी अथवा अन्य किसी संस्था/ विभागीय अधिकारी से कराये जाने के पश्चात कार्यों मकें यदि कोई कमी प्रकाश में आती है तो उसका निदान ठेकेदार को अपने व्यय पर करना होगा, जिसकी प्रतिपूर्ति निगम द्वारा नहीं की जायेगी। यदि उक्त जांच के फलस्वरूप ग्राहक विभाग/ निगम पर कोई आर्थिक दण्ड लगाया जाता है तो उसकी प्रतिपूर्ति ठेकेदार के बिल / जमानत जमा धनराशि से निगम द्वारा की जायेगी। ठेकेदार के किसी कार्य से ग्राहक विभाग/ निगम को अन्य किसी प्रकार से हानि पहुंचती है तो उस क्षति/ हानि को वहन करने का दायित्व ठेकेदार

- का होगा, जिसकी वसूली ठेकेदार के बिल/ जमानत जमा धनराशि से निगम द्वारा की जायेगी।
- 10- ठेकेदार द्वारा निर्माण कार्य/भवन में प्रयोग किये गये उपकरणों की गारण्टी/ वारण्टी प्रपत्र एवं विशिष्टियों के पूर्ण विवरण निगम को भविष्य के सन्दर्भ हेतु उपलब्ध कराया जाना ठेकेदार की बाध्यता होगी।
 - 11- निर्माण कार्य में प्रयुक्त होने वाली निर्माण सामग्रियोंकी गुणवत्ता टेस्ट हेतु कार्यस्थल पर एक गुणवत्ता जांच प्रयोगशाला की स्थापना की जायेगी जिसके अन्तर्गत कोर्स सैण्ड/ स्टोन ग्रिट हेतु Sieve Analysis उपकरण, Compressure Testing Machine, Weighting Maching with necessary weight, Glass Cylinder for Silt Testing, cubes moldes इत्यादि आवश्यक उपकरण प्रयोगशाला में ठेकेदार द्वारा अपने व्यय पर स्थापित किये जायेंगे।
 - 12- ठेकेदार द्वारा लेबर मद में समस्त राजकीय/केन्द्रीय नियमों एवं कानूनों के अनुसार भुगतान, बीमा, स्वास्थ्य, चिकित्सा, सुरक्षा, आवासीय व्यवस्था सुनिश्चित की जायेगी तथा इस प्रकार आने वाले समस्त व्यय को ठेकेदार द्वारा ही वहन किया जायेगा। निर्माण कार्य के दौरान निर्माण कार्य पर लगायी जाने वाली मैन पावर/लेबर की मृत्यु, दुर्घटना तथा प्राकृतिक आपदा अथवा किसी अन्य कारण से हाने वाली क्षति के क्लेम हेतु आवश्यक /वांछित बीमा ठेकेदार द्वारा कराया जायेगा एवं प्रमाण पत्र निगम को उपलब्ध कराया जायेगा। ठेकेदार द्वारा इस आशय का प्रमाण पत्र दिया जायेगा कि उक्त बीमा कार्य प्रारम्भ से निर्मित भवन के हस्तान्तरित होने तक बंध रहेगा। उक्त सम्पूर्ण कार्यवाही हेतु ठेकेदार पूर्ण रूप से उत्तरदायी होगा। ठेकेदार द्वारा लेबर सेस से सम्बन्धित प्राविधानों का पूर्णरूपेण पालन किया जाएगा।
 - 13- ठेकेदार द्वारा समस्त सांविधिक अधिनियमों केन्द्रीय सरकार एवं राज्य सरकार द्वारा बनाये गये समस्त श्रम अधिनियमों जैसे वेतन भुगतान अधिनियम, न्यूनतम मजदूरी अधिनियम, बाल श्रम उन्मूलन अधिनियम, एम्पलायर्स लायबिलिटी ऐक्ट, वर्कमैन कम्पन्सेशन ऐक्ट, औद्योगिक विवाद अधिनियम, मेटरनिलटी बेनिफिट ऐक्ट कान्ट्रैक्ट लेबर रेगुलेशन एण्ड एबॉलीशन ऐक्ट, फौवरी ऐक्ट, जी.एस.टी. अथवा अन्य कोई संशोधित अधिनियमों एवं उनके प्राविधानों का विधिवत अनुपालन किया जायेगा तथा किसी अधिनियम के किसी प्राविधान का अनुपालन न होने की दशा में सम्बन्धित ठेकेदार पूर्ण रूप से उत्तरदायी होगा। इसके अतिरिक्त राजकीय एवं केन्द्रीय सरकार के नियमानुसार कार्यरत लेबर एवं स्टाफ के प्राविडेन्ट फण्ड पंजीकरण एवं लेबर लाइसेन्स की छायाप्रति, निगम के अधिशासी अभियन्ता के पास प्रथम भुगतान से पूर्व जमा करना होगा। उक्त के अतिरिक्त ठेकेदार द्वारा कार्य पर लगायी गयी लेबर के प्राविडेन्ट फण्ड के सम्बन्ध में निगम के कार्यालय आदेश संख्या 2372 दिनांक 24 जून, 2011 में दिये गये निर्देशों के अनुसार कार्यवाही की जायेगी।
 - 14- विद्युत कार्यों को ए क्लास लाइसेन्स होल्डर से ही सम्पादित कराया जायेगा तथा लाइसेन्स की सत्यापित प्रति कार्य प्रारम्भ के पूर्व निगम को प्रस्तुत की जायेगी। मुख्य सचिव महोदय के स्तर से जारी शासनादेश संख्या 2990/84-4-2009-183(एम)/2008 दिनांक 07अक्टूबर, 2009 जिसकी प्रति ठेकेदार के अनुबन्ध के साथ उपलब्ध करायी जा रही है का अनुपालन सम्बन्धित ठेकेदार द्वारा किया जायेगा।
 - 15- ठेकेदार द्वारा कार्यस्थल को साफ सुथरा रखा जायेगा।
 - 16- यदि ठेकेदार द्वारा समय से कार्य पूर्ण नहीं किया जाता है या निम्न गुणवत्ता का कार्य सम्पादित कराया जाता है, जिसके फलस्वरूप ग्राहक विभाग द्वारा निर्माण कार्य निगम के स्थान पर किसी अन्य एजेन्सी को आवंटित करने का निर्णय ले लिया जाता है तो इस सम्बन्ध में अतिरिक्त लागत हेतु यदि निगम ग्राहक विभाग के प्रति किसी भी प्रकार से उत्तरदायी होगा तो वह धनराशि/क्षति जो निगम को वहन करनी होगी की प्रतिपूर्ति ठेकेदार के अवशेष बिलों तथा जमानत जमा धनराशि से निगम द्वारा की जायेगी।
 - 17- ठेकेदार द्वारा उक्त निर्माण कार्यों को कराये जाने के दौरान अथवा कार्य पूर्ण होने पश्चात यदि कोई कमी प्रकाश में आती है और उससे निगम को कोई आर्थिक हानि होती है अथवा ठेकेदार के किसी कार्य से निगम को अन्य किसी प्रकार से हानि पहुंचती है तो उस क्षति/हानि की प्रतिपूर्ति के लिए ठेकेदार उत्तरदायित्व होगा। इसके अतिरिक्त निगम द्वारा ठेकेदार पर पेनाल्टी/कटौती अथवा किसी अन्य मद में डेविट की जाने वाली ऐसी धनराशि जिसकी वसूली उसके बिलों, सिक्चोरिटी अथवा अन्य किसी रूप में सम्भव न होने की स्थिति में उक्त धनराशि ठेकेदार पर निगम को देय ऋण के रूप में मानी जायेगी, जिसकी वसूली निगम द्वारा लोकधन देयों की वसूली अधिनियम 1972 यू0 पी0 पब्लिक मनी रिकवरी आफ डयूज (एक्ट 1972) में निहित प्राविधानों के अन्तर्गत ठेकेदार से की जायेगी।
 - 18- यदि ग्राहक विभाग द्वारा निगम को आवंटित कार्य का अनुबन्ध समाप्त कर दिया जाता है अथवा कोई विशेष शर्त लागू की जाती है तो यह समस्त शर्त एवं दशायें सम्बन्धित ठेकेदार पर भी बाध्य/लागू होगी। तथा इस हेतु किसी भी प्रकार का क्लेम स्वीकार नहीं होगा।

- 19- निर्धारित अवधि के अनुसार ठेकेदार के द्वारा कार्य पूर्ण न करने की दशा में कार्य की लागत का 01 % प्रति सप्ताह की दर से लागत का अधिकतम 10 % की सीमा तक पेनाल्टी अधिरोपित की जा सकती है।
- 20- निर्माण कार्य के दौरान ठेकेदार को होने वाले किसी प्रकार की क्षति के लिए निगम का कोई भी उत्तरदायित्व अथवा देनदारी नहीं होगी और इस प्रकार का कोई दावा न तो ठेकेदार द्वारा किया जायेगा और न ही निगम द्वारा स्वीकार किया जायेगा
- 21- यदि कार्यस्थल पर कार्यरत श्रमिक द्वारा भुगतान प्राप्त न होने की शिकायत की जाती है तथा निगम द्वारा दिये गये निर्देशों के कम में भी ठेकेदार द्वारा लेबर का भुगतान नहीं किया जाता है तो उस दशा में निगम द्वारा श्रमिकों का भुगतान करते हुए उसकी प्रतिपूर्ति ठेकेदार के बिल/जमानत जमा धनराशि से कर ली जायेगी।
- 22- सम्बन्धित ठेकेदार द्वारा ग्राहक विभाग के अधिकारियों को कार्य का सुपरविजन निरीक्षण करने हेतु आवश्यक सहयोग/सुविधायें उपलब्ध करायीं जायेगी। जिस हेतु कोई अतिरिक्त धनराशि देय नहीं होगी।
- 23- निर्माणाधीन कार्य पर अग्नि, दुर्घटना, दंगों, सिविल कोमोशन/अथवा प्राकृतिक दैवीय प्रकोपों एवं चोरी आदि से जो भी क्षति होगी उसके लिए ठेकेदार उत्तरदायी होगा एवं उक्त हेतु निगम का कोई उत्तरदायित्व नहीं होगा। उक्त दुर्घटना/ घटनाओं से होने वाली क्षति के कार्य की सुनिश्चित लागत का बीमा ठेकेदार द्वारा अपने व्यय पर कराया जायेगा तथा बीमा न कराये जाने की दशा में होने वाली किसी प्रकार की क्षति को ठेकेदार द्वारा ही वहन किया जायेगा।
- 24- विस्तृत आगणन / बिल आफ क्वाटिटी में विभिन्न मदों में दर्शायीं गयी मात्रा अनुमानित है तथा कार्य सम्पादन के समय किसी भी आइटम की मात्रा में किसी भी सीमा तक संशोधन हो सकता है या कोई कार्य नहीं भी सम्पादित कराये जाने का निर्णय लिया जा सकता है।
- 25- निगम द्वारा ठेकेदार को उपलब्ध करायीं गयी बिल आफ क्वाटिटी में उल्लिखित मात्राओं से विचलन होने की स्थिति में धनराशि प्राप्त होने के उपरान्त ही उक्त का भुगतान ठेकेदार को किया जायेगा।
- 26- कार्य का भुगतान निम्न विवरण के अनुसार ठेकेदार द्वारा सूचना दिये जाने के उपरान्त इकाई स्तर पर मापी करते हुए किया जायेगा :-
- 1- प्रथम भुगतान - निविदा लागत का 10 प्रतिशत
 - 2- द्वितीय भुगतान - निविदा लागत का 15 प्रतिशत
 - 3- तृतीय भुगतान - निविदा लागत का 25 प्रतिशत
 - 4- चतुर्थ भुगतान - निविदा लागत का 20 प्रतिशत
 - 5- पंचम भुगतान - निविदा लागत का 15 प्रतिशत
 - 6- षष्ठ भुगतान - निविदा लागत का 15 प्रतिशत
- 27- कार्यस्थल पर उपलब्ध करायीं गयी सामग्री (स्टील, सीमेन्ट, सैण्ड एग्रीगेट, ब्रिक्स) के सापेक्ष ठेकेदार को सिक्वोर्ड एडवॉन्स ठेकेदार के प्रस्तुत सामग्रियों के बिल का 90 प्रतिशत तक निगम द्वारा किया जा सकेगा, जिसका समायोजन रनिंग बिल से कर लिया जायेगा। सिक्वोर्ड एडवॉन्स जिन सामग्रियों हेतु दिया जायेगा उनकी सुरक्षा का पूर्ण उत्तरदायित्व ठेकेदार का होगा। सामग्रियों की किसी भी प्रकार की क्षति होने पर उसकी प्रतिपूर्ति निगम द्वारा नहीं की जायेगी।
- 28- ठेकेदार द्वारा सम्पादित किये जाने वाले निर्माण कार्य की मापी के आधार पर रनिंग बिल, एल ओ आई कार्य आवंटन पत्र में दी गयी दरों के आधार पर तैयार किया जायेगा, जिसे निगम के कार्य से सम्बन्धित अभियन्ताओं द्वारा परीक्षण/ अग्रसारित करते हुए भुगतान हेतु प्रस्तुत किया जायेगा। ग्राहक विभाग द्वारा उपलब्ध करायीं गयी धनराशि में से सेन्टज आदि की जाने वाली विभिन्न कटौतियों करने के पश्चात ही ठेकेदार को सामान्यतया 15 दिनों के भीतर भुगतान अवमुक्त किया जायेगा।
- 29- ठेकेदार के बिलों से नियमानुसार आयकर तथा अन्य सांविधिक करों की कटौती सम्बन्धित अधिनियमों के समय-समय पर लागू प्राविधानों के अनुसार की जायेगी।
- 30- ठेकेदार के प्रत्येक रनिंग बिल से कार्यवार 5% की जमानती धनराशि काटी जायेगी जिसे निर्माण कार्य ग्राहक विभाग को हस्तांतरित होने के 12 माह पश्चात (जिसे डिफेक्ट लाइबिलिटी पीरियड कहा जायेगा) अवमुक्त किया जायेगा। डिफेक्ट लाइबिलिटी अवधि में कार्य में किसी भी प्रकार की कमी आने पर उसका निराकरण ठेकेदार द्वारा अपने व्यय पर किया जायेगा। ठेकेदार द्वारा निर्माण कार्य में आने वाली समस्त कमियों का निराकरण एवं अनुरक्षण एक सप्ताह के अन्दर कराया जायेगा अन्यथा उक्त कार्य को निगम द्वारा स्वयं सम्पादित कराकर आने वाले व्यय की वसूली ठेकेदार की जमा सिक्वोर्टिटी धनराशि से कर ली जायेगी।
- 31- कार्य पूर्ण होने पर ठेकेदार द्वारा निगम को पूर्ण कार्य का अन्तिम बिल निगम द्वारा निर्धारित प्रारूप पर अन्य वांछित सूचनाओं/ विवरण के साथ उपलब्ध कराया जाना अनिवार्य होगा।

- 32- यदि ग्राहक विभाग द्वारा निगम के बिलों से रिटैन्शनमनी/अन्य कोई कटौतियां की जायेगी तो ठेकेदार को किये जाने वाले भुगतान के समतुल्य धनराशि की कटौती की जायेगी।
- 33- निर्माण कार्य सम्पादित कराये जाने, बिल प्रस्तुत किये जाने, बिल पारित किये जाने निर्माण कार्य के शेड्यूल आदि से सम्बन्धित सम्पूर्ण प्रक्रिया जो निगम/ग्राहक विभाग द्वारा निर्धारित की जायेगी, का अनुपालन सम्बन्धित ठेकेदार द्वारा किया जायेगा।
- 34- ठेकेदार द्वारा निर्माण कार्य को निर्धारित माइल स्टोन के अनुरूप कराया जाना होगा, यदि कार्य की प्रगति निर्धारित माइल स्टोन के अनुरूप नहीं पायी जाती है तो निगम को माइल स्टोन न प्राप्त करने के सापेक्ष धनराशि रोकने/ कार्य का अनुबन्ध आंशिक अथवा पूर्ण रूप से निरस्त करने का अधिकार होगा। ऐसा किये जाने की दशा में ठेकेदार द्वारा सात दिनों के अन्दर कार्यस्थल से अपनी लेबर तथा अनुप्रयुक्त सामग्री को अपने व्यय पर हटाना होगा अन्यथा निगम द्वारा कार्यस्थल पर कब्जा प्राप्त कर लिया जायेगा। जिसका पूर्ण उत्तरदायित्व ठेकेदार का होगा।
- 35- ठेकेदार द्वारा निगम से अनुमोदित अथवा एस ओ आर में प्रदर्शित ब्राण्ड / मेक की उच्च गुणवत्ता युक्त असली निर्माण सामग्री निर्माण अथवा उसके अधिकृत वितरक से कय करके प्रयोग करनी होगी तथा सामग्री की पूर्ण गुणवत्ता सुनिश्चित करनी होगी।
- 36- परियोजना पूर्ण होने के पश्चात भवन हस्तान्तरण तक ठेकेदार को निर्मित भवन एवं परिसर की अपने व्यय पर सुरक्षा की व्यवस्था करनी होगी तथा भवन हस्तान्तरण के समय यदि कोई कमी पायी जाती है तो उसे ठेकेदार द्वारा स्वयं के व्यय पर ठीक/ पूर्ण कराना होगा।
- 37- निगम एवं ठेकेदार के मध्य किसी प्रकार के विवाद की दशा में प्रबन्ध निदेशक, यू0 पी0 स्टेट कान्सट्रक्शन एण्ड इन्फ्रास्ट्रक्चर डेवलपमेन्ट कारपोरेशन लि0 का निर्णय अन्तिम एवं मान्य होगा।
- 38- ग्राहक विभाग से किसी प्रकार के विवाद की दशा में ग्राहक विभाग नामित आर्बीट्रेटर द्वारा विवाद का निस्तारण किया जायेगा तथा आर्बीट्रेटर देय मानदेय शुल्क का वहन सम्बन्धित ठेकेदार द्वारा किया जायेगा, आर्बीट्रेटर का जो निर्णय निगम पर लागू होगा उसके अनुपालन हेतु ठेकेदार पूर्णतया उत्तरदायी होगा।
- 39- यदि ग्राहक विभाग से किसी प्रकार का कोई विवाद उत्पन्न होता है एवं उक्त के फलस्वरूप ग्राहक विभाग अथवा अन्य को कोई धनराशि देय होती है तो उसकी क्षतिपूर्ति ठेकेदार द्वारा निगम को करनी होगी।
- 40- ठेकेदार को कार्यदिश जारी होने की तिथि के 07 दिन के भीतर कार्य प्रारम्भ करना होगा तथा अनुबन्ध की लागत के सापेक्ष निर्माण कार्य को निर्धारित अवधि 180 दिन में पूर्ण कराना अनिवार्य होगा, परन्तु यदि ग्राहक विभाग द्वारा कार्य को पूर्ण करने की तिथि में परिवर्तन किया जाता है तो उक्त तिथि तक ठेकेदार को समय दिया जा सकता है, अन्यथा अनुबन्ध की धारा 19 के अनुसार ठेकेदार पर कार्यवाही की जायेगी।
- 41- यदि ग्राहक विभाग एवं निगम के मध्य कोई अनुबन्ध निष्पादित किया जाता है अथवा ग्राहक विभाग द्वारा समय-समय पर निर्गत आदेश दिये जाते हैं तो उक्त अनुबन्ध/ निर्देश अनुबन्ध के पार्ट होंगे तथा इस अनुबन्ध के साथ पढ़े जायेंगे।
- 42- कार्य की अनुमोदित निविदा के समस्त टेण्डर डाक्यूमेन्ट, एन0आई0टी0, जनरल कंडीशन आफ कांटेक्ट, विशिष्टियां, बी0ओ0क्यू00, ड्राइंग/ प्लान, कार्य पूर्ण करने का शिड्यूल, लेटर आफ एक्सेप्टेंस इस अनुबन्ध का हिस्सा होगा।

ठेकेदार की ओर से

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U.P. STATE CONSTRUCTION & INFRASTRUCTURE DEVELOPMENT CO. LTD AMBEDKAR NAGAR

**DETAILED ESTIMATE OF PROPOSED PENSIONER HALL
AT - AMBEDKAR NAGAR, DISTT :- AMBEDKAR NAGAR [U. P.]**

[SUMMARY OF COST]

S.N.	DESCRIPTION OF ITEM	QTY.	UNIT	RATE	AMOUNT (IN LACS)
1	COST OF PENSIONER HALL				25.77
(a)	COST FOR CIVIL WORK			[AS PER DETAILED ATTECHED]	1.56
(b)	COST FOR INTERNAL W/S & SANITATION			[AS PER DETAILED ATTECHED]	2.76
(c)	COST FOR INTERNAL ELECTRIFICATION			[AS PER DETAILED ATTECHED]	
2	COS OF SEPTIC TANK WITH SOAK PIT			[AS PER DETAILED ATTECHED]	0.78
3	COST OF BORING			[AS PER DETAILED ATTECHED]	1.20
				TOTAL	32.07
4	LESS 5.0 % DUE TO WORK DONE BY DEPARTMENT (-)		@ 5.0 % OF RS.	32.07	-1.60
				G. TOTAL	30.46

U.P. STATE CONSTRUCTION & INFRASTRUCTURE DEVELOPMENT CO. LTD AMBEDKAR NAGAR

DETAILED ESTIMATE OF PROPOSED PENSIONER HALL

AT - AMBEDKER NAGAR, DISTT :- AMBEDKER NAGAR [U. P.]

[ABSTRACT OF COST - PENSIONER HALL]

S.N.	DESCRIPTION OF ITEM	SCH. NO.	QTY	UNIT	RATE (A) DSR 2023	RATE (B) A*0.757	RATE B*106/107	AMOUNT
1	Excavation in foundation in ordinary soil (loam clay or sand) including lift upto 1.50 meter and lead upto 30 meter and including filling, watering and ramming of excavated earth into the trenches or into the space between the building and sides of foundation trenches or into the plinth and removal and disposal of sur-plus earth as directed by the Engineer incharge up to a distance of 30 meters from the foundation trenches.	2.8.1	97.28	CUM	260.30	197.05	195.21	18989.59
2	Excavating, supplying and filling of local earth (including royalty) by mechanical transport upto a lead of 5km also including ramming and watering of the earth in layers not exceeding 20 cm in trenches, plinth, sides of foundation etc. complete.	2.25,a	15.66	CUM	700.50	530.28	525.32	8226.55
3	Providing and laying in cement concrete 1:4:8 (1 cement :4 coarse sand :8 graded stone aggregate 40 mm nominal size) and curing complete,including cost of form- work, in foundation and floors.	4.1.8	21.20	CUM	6812.00	5156.68	5108.49	108300.00
4	Sand filling in plinth including supply of necessary quantity of sand from a distance not exceeding 8 kms. from the site of work and including watering, dressing etc rate to include cost of all materials labour T & P etc required for proper completion of work.	2.27	11.97	CUM	2123.75	1607.68	1592.65	19064.06
5	Construction of drain along with apron. 150X150MM	AR-II	25.09	RM	1071.90	811.43	803.84	20168.47
6	Providing and injecting chemical emulsion for pre constructional antitermite treatment and creating a chemical barrier under and around the column pits wall trenches basement excavation top surface if plinth filling junction of wall and floor, along the the external perimeter of binding expansion joints, surrounding of pipes and conduits etc, complete.							
	(plinth area of the building at ground floor only shall be measured as per I.S.6313 (PartII 1981) Alderine emulsifiable concentrate or any other approved material such as Heptachlor or Chlordane will be used. The rate of application of chemical emulsion shall be as follows : (1) Treatment for masonry & foundation 5 liters per sqm. (2) Back fill in immediate contact with foundation 7.5 liters/sqm (3) Treatment of top surface of plinth filling 5 liters/sqm							
	(4) Treatment junction of wall and the floor 7.5 liters /sqm (5) Treatment of soil along external perimeter of building 7.5 liters/sqm (6) Treatment of soil under apron along external perimeter 5 liters/sqm. (As per manufacturer's standard dilution)	2.35.3	104.18	SQM	310.05	234.71	232.51	24223.34
7	Providing and laying in position specified grade of reinforced cement concrete, excluding the cost of centering, shuttering, finishing and reinforcement - All work up to plinth level :: 1:1.5:3 (1 cement : 1.5 coarse sand (zone-III) derived from natural sources : 3 graded stone aggregate 20 mm nominal size derived from natural sources) R.C.C. work in Plinth Band	5.1.2	5.64	CUM	9045.75	6847.63	6783.64	38259.71
(a)	Ground Floor							



	Reinforced cement concrete work in beams, suspended floors, roofs having slope up to 15° landings, balconies, shelves, chajjias, lintels, bands, plain window sills, staircases and spiral stair cases above plinth level up to floor five level, excluding the cost of centering, shuttering, finishing and reinforcement with 1:1.5:3 (1 cement : 1.5 coarse sand(zone-III) derived from natural sources : 3 graded stone aggregate 20 mm nominal size derived from natural sources). R.C.C. work in Lintel	5.3	1.85	CUM	11505.50	8709.66	8628.26	15962.29
8	As in item no. 7 above but for slabs (Using 1:1.5:3 Mix concrete). M-20	5.3						
(a)	Ground Floor		15.40	CUM	11505.50	8709.66	8628.26	132875.28
(b)	First Floor		1.88	CUM	11505.50	8709.66	8628.26	16221.14
9	As in item 7 but for the lighter beams i.e. having spans upto 6 m. (Using 1:1.5:3 Mix concrete) M-20	5.3						
(a)	Ground Floor		3.24	CUM	11505.50	8709.66	8628.26	27955.58
10	Providing and laying in position specified grade of reinforced cement concrete, excluding the cost of centering, shuttering, finishing and reinforcement - All work up to plinth level :. 1:1.5:3 (1 cement : 1.5 coarse sand (zone-III) derived from natural sources : 3 graded stone aggregate 20 mm nominal size derived from natural sources) R.C.C.work in footing	5.1.2	8.70	CUM	9045.75	6847.63	6783.64	59031.20
11	Providing and laying in position specified grade of reinforced cement concrete, excluding the cost of centering, shuttering, finishing and reinforcement - All work up to plinth level :. 1:1.5:3 (1 cement : 1.5 coarse sand (zone-III) derived from natural sources : 3 graded stone aggregate 20 mm nominal size derived from natural sources) R.C.C.work in column	5.1.2	0.53	CUM	9045.75	6847.63	6783.64	3595.33
(a)	Ground Floor							
	Reinforced cement concrete work in walls (any thickness), including attached pilasters, buttresses, plinth and string courses, fillets, columns, pillars, piers, abutments, posts and struts etc. above plinth level up to floor five level, excluding cost of centering, shuttering, finishing and reinforcement : 1:1.5:3 (1 cement : 1.5 coarse sand : 3 graded stone aggregate 20 mm nominal size) R.C.C.work in column	5.2.2	2.89	CUM	10852.95	8215.68	8138.90	23521.42
12	M-150 brick work in 1:6 (one cement and six coarse sand sand of 2.25 fineness modulus) mortar in foundation & plinth including supply of all materials, labour and T & P etc required for proper completion of the work.	6.1.2	34.03	CUM	7132.25	5399.11	5348.65	182014.70
13	Providing and laying damp-proof course 40 mm thick with cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 12.5 mm nominal size).	4.1	10.68	SQM	410.85	311.01	308.11	3290.58
14	Painting on DPC or over roof slab one coat of air blown bitumen 60/70 or 80/100 grade @ one Kg/Sqm including cost of fuel wood other materials, labour T & P etc required for proper completion of work.	4.13	10.68	SQM	146.15	110.64	109.60	1170.54
15	Brick work in super-structure above plinth level including necessary cutting and moulding of bricks as required and also including honey comb brick work thickness of wall not to be less than 1.5 brick thick. (1:6 cement & coarse sand).	6.4.2						
(a)	Ground Floor		32.86	CUM	9105.95	6893.20	6828.78	224393.77
(b)	First Floor		10.90	CUM	9105.95	6893.20	6828.78	74433.72
16	Half brick masonry with (Class M-150 First Class Brick) in superstructure above plinth level up to floor V level. Cement mortar 1:4 (1 cement :4 coarse sand)	6.13.2						
(a)	Ground Floor		20.49	SQM	1123.80	850.72	842.77	17268.27

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	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 carbon steel galvanised dash fastener of required dia and size (to be paid for separately)	10.15.2	744.66	KG	181.25	137.21	135.92	101217.13
18	Providing & fixing fly proof wire gauze to windows, clerestory windows & doors with M.S. Flat 15x3 mm and nuts & bolts complete. Stainless steel (grade 304) wire gauze of 0.5 mm dia wire and 1.4 mm aperture on both sides	10.29.2	9.33	SQM	1133.55	858.10	850.08	7931.23
19	Providing & fixing glass panes with putty and glazing clips in steel doors, windows, clerestory windows, all complete with 5.5 mm thick glass panes	10.30.2	9.33	SQM	1390.15	1052.34	1042.51	9726.60
20	TMT Fe-500 iron in plain work such as reinforced concrete or reinforced, brick work (when not included in over all rates) wrought to required shape as necessary including bending for proper completion of the work and including supply of steel its wastage bend hooks and authorised over lapping shall be measured upto floor two level.	5.22.6						
(a)	Ground Floor		31.47	QTL	10785.00	8164.25	8087.94	254527.59
21	15 mm plinth plaster (1 cement :4 coarse sand) F.M.-2.25	13.5.1	24.84	SQM	411.75	311.69	308.78	7670.14
22	12mm cement plaster in single coat on fair side of single or half brick wall for exterior plastering up to floor two level including internal rounded angles chamfers, and/or rounded angles not exceeding 80mm in girth and finished even and smooth no extra for mixing any additive. (1)1 cement : 6 coarse sand. F.M.-2.25	13.4.2						
(a)	Ground Floor		181.66	SQM	343.65	260.14	257.71	46815.93
(b)	First Floor		76.52	SQM	343.65	260.14	257.71	19720.11
23	15 mm cement plaster in single coat on rough side of single or half brick wall for interior plastering up to floor two level including internal rounded angles not exceeding 80 mm in girth and finished even and smooth. (1) 1 cement : 6 coarse sand.	13.5.2						
(a)	Ground Floor		170.16	SQM	395.35	299.28	296.48	50449.54
24	12mm thick plaster in 1:3 cement & coarse sand on ceiling and soffits of stairs upto floor two level.							
(a)	Ground Floor							
(b)	First Floor							
25	Making grooves 10 to 12mm wide x 8mm deep in plaster of the wall or in ceiling vertically or horizontally as required	5.30	72.48	RM	78.40	59.35	58.79	4261.40
26	Cement concrete flooring 1:2:4 (1 cement :2 coarse sand :4 graded stone aggregate 12-20mm nominal size laid in one layer neat cement (40 mm thick floor).	11.3.1	30.11	SQM	614.20	464.95	460.60	13868.79
27	Supply and fixing of Kota Stone in flooring 25mm thick and joint filled 1:2 cement and coarse sand with approved colouring materials to be given an even shade with 12mm base coat (bedding) of 1:2 cement & coarse sand mortar and polished by hand or machine and finally finished with french manson polish or other approved polish including supply of all materials, labour, tools & plants etc required for proper completion of the work. 25mm thick	11.26.1						
(a)	Ground Floor		35.77	SQM	1948.25	1474.83	1461.04	52261.47
28	Supply and fixing 10 to 12mm thick Kota Stone tiles in skirting or dado laid with 1:2 cement and approved coarse sand mortar finished with in its cement colour slurry, jointing and polished or approved quality complete, including supply of all materials, labour tools & plants etc required for proper completion of the work. 25mm thick	11.27						
(a)	Ground Floor		18.54	SQM	2354.70	1782.51	1765.85	15080.35

	Providing and laying vitrified floor tiles in different sizes (thickness to be specified by the manufacturer) 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 coarse sand), including grouting the joints with white cement and matching pigments etc., complete. Size of Tile 600x600 mm.	11.41.2							
(a)	Ground Floor		91.97	SQM	1553.45	1175.96	1164.97	107142.42	
30	Providing and laying vitrified floor tiles in different sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS : 15622, of approved make, in all colours and shades, laid on 15mm thick cement mortar 1:3 (1 cement : 3 coarse sand), including grouting the joints with white cement and matching pigments etc., complete. Size of Tile 600x600 mm.	11.46.2							
(a)	Ground Floor		44.67	SQM	1623.05	1228.65	1217.17	54370.81	
31	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	13.62.1	46.58	SQM	226.25	171.27	169.67	7903.26	
32	Washed stone grit plaster on exterior walls height upto 10 metre above ground level, in two layers, under layer 12 mm cement plaster 1:4 (1 cement : 4 coarse sand), furrowing the under layer with scratching tool, applying cement slurry on the under layer @ 2 Kg of cement per square metre, top layer 15 mm cement plaster 1:1/ 2:2 (1 cement: 1/2 coarse sand : 2 stone chipping 10 mm nominal size), in panels with groove all around as per approved pattern, including scrubbing and washing the top layer with brushes and water to expose the stone chippings ,complete as per specification and direction of Engineer-in-charge (payment for providing grooves shall be made separately).	13.72	258.18	SQM	1162.25	879.82	871.60	225029.84	
33	Distempering (Two coat) with oil bound distemper of approved brand and manufacture & of required shade on undecorated wall surface to give an even shade over & including a priming coat with cement primer of approved brand & manufacture such as Berger,J&N, Shalimar, Asian paints after thoroughly brushing the surface free from mortar droppings & other foreign matters & also including preparing the surface even with plaster of paris or approved synthetic material & sand papered smooth including cost of all materials. (For Internal wall surface)	13.41.1	286.59	SQM	165.65	140.54	139.22	39900.10	
34	Providing and applying white cement based putty of average thickness 1 mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete.	13.80	286.59	SQM	156.05	118.13	117.03	33538.43	
35	Providing and laying integral cement based water proofing treatment including preparation of surface as required for treatment of roofs, balconies, terraces etc consisting of following operations: a) Applying a slurry coat of neat cement using 2.75 kg/sqm of cement admixed with water proofing compound conforming to IS. 2645 and approved by Engineer-in-charge over the RCC slab including adjoining walls upto 300 mm height including cleaning the surface before treatment.								
	b) Laying brick bats with mortar using broken bricks/brick bats 25 mm to 115 mm size with 50% of cement mortar 1:5 (1 cement : 5 coarse sand) admixed with water proofing compound conforming to IS : 2645 and approved by Engineer-in-charge over 20 mm thick layer of cement mortar of mix 1:5 (1 cement : 5 coarse sand) admixed with water proofing compound conforming to IS : 2645 and approved by Engineer-in-charge to required slope and treating similarly the adjoining walls upto 300 mm height including rounding of junctions of walls and slabs								

	c) After two days of proper curing applying a second coat of cement slurry using 2.75 kg/ sqm of cement admixed jointless cement mortar of mix 1:4 (1 cement :4 coarse sand) admixed with water proofing compound conforming to IS : 2645 and approved by Engineer-in-charge including laying glass fibre cloth of approved quality in top layer of plaster and finally finishing the surface with trowel with neat cement slurry and making pattern of 300x300 mm square 3 mm deep. e) The whole terrace so finished shall be flooded with water for a minimum period of two weeks for curing and for final test. All above operations to be done in order and as directed and specified by the Engineerin- Charge :							
	With average thickness of 120 mm and minimum thickness at khurra as 65 mm.							
	ballast cement and coarse sand masonry coba with top finished plaster mixed with acetic water proofing compound @ 2% by weight & including S/o all material, labour T & P etc complete for proper completion of work.	22.7.1	119.90	SQM	1684.60	1275.24	1263.32	151472.55
36	Providing and fixing 150 mm bright finished floor stainless steel door stopper with rubber cushion, necessary brass screws etc. to suit shutter thickness complete.	14.34	7.00	NOS.	271.45	205.49	203.57	1424.97
37	Providing & fixing Stainless steel 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. (a) 250mm x 16mm .	(M.R.)	6.00	NOS	500.00	500.00	500.00	3000.00
38	Providing and fixing stainless steel towerbolts (barrel type) with necessary screws etc. complete (a) 250 mm x 10mm	(M.R.)	12.00	NOS	300.00	300.00	300.00	3600.00
39	Providing and fixing stainless steel handles with screws etc. complete (a) 125 mm	(M.R.)	12.00	NOS	200.00	200.00	200.00	2400.00
40	Supply & fixing of flush doors commercial quality conforming to I.S. 2202 Part 1 (1983) including fixing and adjustment of hinges bolts locks handles springs fitting with necessary screws to be supplied departmentally. (a) 35mm thick							
	(a) Single leaf	9.21.1	3.15	SQM	2392.65	1811.24	1794.31	5652.07
	(b) Extra for double leaf doors	9.21.1+ 9.26	2.63	SQM	2499.35	1892.01	1874.33	4929.48
	both side laminated	9.22.1*2	5.78	SQM	956.00	723.69	716.93	4143.85
	Extra for providing lipping with 2nd class eak wood battens 25 mm minimum depth on all edges of flush door shutters (over all area of door shutter to be measured).	9.23	5.78	SQM	462.35	350.00	346.73	2004.09
41	Providing and fixing stainless steel (Grade 304) railing made of Hollow tubes, channels, plates etc., including welding, grinding, buffing, polishing and making curvature (wherever required) and fitting the same with necessary stainless steel nuts and bolts complete, i/c fixing the railing with necessary accessories & 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 Engineer-in-charge, (for payment purpose only weight of stainless steel members shall be considered excluding fixing accessories such as nuts, bolts, fasteners etc.).	10.28	243.54	KG	772.40	584.71	579.24	141068.66
42	Chequered tiles 22 mm thick in floors, jointed with neat cement slurry mixed with pigment to match the shade of the tiles, including rubbing and polishing complete, on 20 mm thick bed of cement mortar 1:4 (1 cement :4 coarse sand) : Light shade pigment using white cement.	11.19.1	8.33	Sqm.	1533.80	1161.09	1150.24	9581.46
43	Centering and shuttering including strutting, propping etc. and removal of form for all heights :							
(a)	Foundations, footings, bases of columns, etc. for mass concrete.	5.9.1	17.92	SQM	392.15	296.86	294.08	5269.97

(a)	Columns, Pillars, Piers, Abutments, Posts and Struts.	5.9.6	35.88	SQM	961.30	727.70	720.90	25866.00
(c)	Lintels, beams, plinth beams, girders, bressumers and cantilevers.	5.9.5	106.94	SQM	736.40	557.45	552.24	59057.07
(d)	Suspended floors, roofs, landings, balconies and access platform.	5.9.3	125.48	SQM	927.25	701.93	695.37	87254.80
							G. TOTAL	2577105.65
							Say Rs.	25.77 Lacs.

DETAILED ESTIMATE OF PROPOSED PENSIONER HALL

SUMMARY OF INTERNAL PLUMBING WORKS

S. No.	DESCRIPTION OF ITEM	DSR AMOUNT	MR AMOUNT
1	SUB HEAD - I - (SANITARY FIXTURES & C.P. BRASS FITTING)	24617.82	2570.00
2	SUB HEAD - II - (SOIL, WASTE, RAIN WATER AND VENT PIPES)	18048.34	17560.00
3	SUB HEAD - III - (WATER SUPPLY)	72701.43	20180.00
		115367.59	40310.00
		155677.59	
	TOTAL		
	GRAND TOTAL IN LACS	1.56	





DETAILED ESTIMATE OF PROPOSED PENSIONER HALL
ESTIMATE - INTERNAL PLUMBING WORKS

ITEM NO.	DSR 2023	DESCRIPTION OF ITEM	QTY.	UNIT	DSR RATE (RS.)	COST INDEX ON DSR	MARKET RATE (RS.)	DSR AMOUNT (RS.)	MARKET AMOUNT (RS.)
						108.00			
		SUB HEAD - I - (SANITARY FIXTURES & C.P. BRASS FITTING)							
1	17.1	Providing and fixing water closet squatting pan (Indian type W.C. pan) with 100 mm sand cast Iron P or S trap, 10 litre low level white P.V.C. flushing cistern, including flush pipe.						10150.09	
	17.1.1	White Vitreous china Orissa pattern W.C. pan of size 580x440 mm with integral type foot rests	2	Each	6787.40	5075.04			
2	8.10	Providing and fixing stone slab with table rubbed, edges rounded and polished, of size 75x50 cm deep and 1.8 cm thick, fixed in urinal partitions by cutting a chase of appropriate width with chase cutter and embedding the						1968.81	
	8.10.1	White Agaria Marble Stone	0.75	each	3500.45	2825.08			
3	17.7A	Providing and fixing wash basin with C.I. brackets, 15 mm dia CP Brass single hole basin mixer of approved quality and make, including painting of fittings and brackets, cutting and making good the walls wherever required:-						5940.23	
	(a)	White Vitreous China Wash basin size 550x400 mm with a 15 mm CP Brass single hole basin mixer	2	Each	3960.55	2970.12			
4	17.28	Providing and fixing P.V.C. waste pipe for sink or wash basin including P.V.C. waste fittings complete.						175.03	
	17.28.1	Semi rigid pipe	2	each	116.70	87.52			
	17.28.1.2	40 mm dia							
5	18.21	Providing and fixing uplasticised PVC connection pipe with brass unions :						146.61	
	18.21.2	45 cm length	2	Each	97.75	73.31			
	18.21.2.1	15 mm nominal bore							
7	17.31	Providing and fixing 600 x 450mm beveled edge mirror of superior glass (of approved quality) complete with 6 mm thick hard board ground fixed to wooden cleats with C.P. brass screws and washers complete in all respect.	2	Each	1607.95	1205.84		2411.68	
8	18.49	Providing and fixing C.P. brass bib cock of approved quality conforming to IS:8931 :	2	Each	506.80	380.06		760.12	
	18.49.1	15 mm nominal bore							
9	18.51	Providing and fixing C.P. brass long body bib cock of approved quality conforming to IS standards and weighing not less than 890 gms. 15 mm nominal bore	2	Each	798.95	599.15		1198.31	
	18.51.1	15 mm nominal bore							
10	18.52	Providing and fixing C.P. brass stop cock (concealed) of standard design and of approved make conforming to IS: 8931.	2	Each	670.45	502.79		1005.57	
	18.52.1	15 mm nominal bore							
11	18.53	Providing and fixing C.P. brass angle valve for basin mixer and geyser points of approved quality conforming to IS:8931	2	Each	574.30	430.68		861.36	
	18.53.1	15 mm nominal bore							
12	PCR	Providing & fixing C.P. hand spray with lever control (health faucet) and flexible hose 1 m long connection with C.P. holder for hand spray complete in all respects. (Angle valve to be provide under item no. 18 and measure with that item.)	2	Each			1285.00		2570.00
		TOTAL CARRIED TO SUMMARY						24617.82	2570.00
		SUB HEAD - II - (SOIL, WASTE, RAIN WATER AND VENT PIPES)							
	a)	RAIN WATER DRAINAGE WORK							
13	19.2	Providing and laying cement concrete 1:5:10(1 cement : 5 coarse sand : 10 graded stone aggregate 20mm nominal size) around P.V.C Soil and waste pipe including bed concrete as per standard							
	19.2.1	110 mm dia	20	metre	964.75	723.49			
14	12.41	Providing and fixing on wall face unplasticised-Rigid PVC rain water pipes conforming to IS: 13592 Type A including jointing with						8490.65	
	12.41.2	110 mm	30	Metre	377.40	283.02			
15	12.42	Providing and fixing on wall face unplasticised PVC moulded fittings/accessories for unplasticised Rigid PVC rain water pipes conforming to IS:13592 Type A including jointing with seal ring conforming to IS:5382 leaving 10mm gap for thermal expansion.							
	12.42.1	Coupler							
	12.42.1.2	110 mm	6	Each	136.15	102.10		612.61	
	12.42.3	Single tee with door							
	12.42.3.2	110x110x110 mm	2	Each	234.15	175.59		351.19	
	12.42.4	Single tee without door							
	12.42.4.2	110x110x110 mm	1	Each	221.35	166.00		166.00	
	12.42.5	Bend 87.5 degree							
	12.42.5.2	110 mm Bend	4	Each	150.35	112.75		451.01	
	12.42.6	Shoe (Plain)							
	12.42.6.2	110 mm Shoe	4	Each	131.85	98.88		395.51	
16	12.44	Providing and fixing to the inlet mouth of rain water pipe cast iron grating 15 cm diameter and weighing not less than 440 grams.	2	Each	54.70	41.02		82.04	
17	12.22	Making khurras 45x45 cm with average minimum thickness of 5 cm cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate of 20 mm nominal size) over PVC sheet 1m x 1 m x 400 micron, finished with 12 mm cement plaster 1:3:1 cement : 3	2	Each	298.25	223.67		447.33	

12.38		Providing and fixing M.S. holder bat clamps of approved design to C.I. or S.C.I. rain water pipes embedded in and including cement concrete blocks 10x10x10 cm of 1:2:4 mix (1 cement : 2 coarse							
12.38.1		110mm dia pipe.	20	Each	362.85	272.11			5442.21
	b)	UPVC SWR SOIL, WASTE & VENT PIPES AND FITTINGS							
19	PCR	Providing, fixing, jointing and testing, uPVC SWR pipes, - type B conforming to IS : 13592 to wall, ceiling and floor, approved quality, complete, for soil, waste & rain water drain including pushfit jointing with seal ring. (i) Single socketed pipes.							
		Internal Toilet (Soil, Waste & Rain Water Pipe)							
	PCR	110 mm dia.	10	Rm.			715.00		7150.00
	PCR	160 mm dia. (For Storm Water in Court yard)	5	Rm.			1305.00		6525.00
20	16.76	Cutting holes up to 30x30 cm in walls including making good the same: With With common burnt clay F.P.S. (non modular) bricks	1	Each	416.80	312.57			312.57
21	18.77	Cutting holes up to 15x15 cm in R.C.C. floors androofs for passing drain pipe etc. and repairing the hole after insertion of drain pipe etc. with cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size), including finishing complete so as to make it leak proof	1	Each	452.00	338.97			338.97
22	PCR	Providing and fixing SWR PVC trap of self cleansing design with screwed down or hinged grating with or without vent arm complete, including cost of cutting and making good the walls and floors :							
		110mm x 110mmX110mm	1	Each			1220.00		1220.00
23		Providing and fixing on wall face unplasticised - PVC moulded fittings/accessories for unplasticised Rigid PVC pipes including jointing with seal ring leaving 10 mm gap for thermal expansion.							
		Bend without door (45°)							
12.42.5.2		110mm	2	Each	150.35	112.75			225.50
		Single tee without door							
12.42.2.2		110mm	4	Each	221.35	166.00			663.98
24	PCR	Providing, fixing, jointing and testing, unplasticized PVC pipes -10 kg/cm2 confirming to IS : 4985 to wall, ceiling and floor, approved quality, complete, for waste water drain including jointing with rubbering/solvent/solution and airtight joints. etc.							
	PCR	For Wash basin & Urinal							
		50mm dia. Pipe	4	Metre			345.00		1380.00
		40mm dia. Pipe (for wash basin & sunken toilet spout)	2	Metre			255.00		510.00
	PCR	Elbow (90°)							
		50mm	4	Each			85.00		340.00
		40mm	2	Each			55.00		110.00
	PCR	Elbow (45°)							
		50mm	1	Each			70.00		70.00
		40mm	1	Each			45.00		45.00
	PCR	T fitting							
		50mm	1	Each			100.00		100.00
		40mm	1	Each			70.00		70.00
	PCR	Coupler							
12.42.1.2		110mm	1	Each	91.70	68.77			68.77
		40mm	1	Each			40.00		40.00
		TOTAL CARRIED TO SUMMARY							
		SUB HEAD - III - (WATER SUPPLY)							
25	18.8	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, i/c fixing							
		Concealed work, including cutting chases and making good the walls etc.							
18.8.1		15 mm dia nominal bore	20	Metre	497.80	373.31			7466.26
18.8.2		20 mm dia nominal bore	20	Metre	537.60	403.16			8063.20
26	18.7	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes &							
18.7.3		25 mm dia nominal bore	25	Metre	401.55	301.13			7528.31
18.7.4		32 mm dia nominal bore	15	Metre	518.75	389.02			5835.36
18.7.5		40 mm dia nominal bore	10	Metre	702.95	527.16			5271.60
27	18.10	Providing and fixing G.I. pipes complete with G.I. fittings and clamps, i/c cutting and making good the walls etc							
		Internal work - Exposed on wall / Terrace							
18.10.2		20 mm dia nominal bore	10	Metre	437.30	327.94			3279.42
18.10.3		25 mm dia nominal bore	5	Metre	551.70	413.73			2068.67
18.10.4		32 mm dia nominal bore	5	Metre	667.00	500.20			2501.00
28	18.38	Painting G.I. pipes and fittings with two coats of anti-corrosive bitumastic paint of approved quality :							
18.38.2		20 mm dia nominal bore	10	Metre	23.25	17.44			174.36
18.38.3		25 mm dia nominal bore	5	Metre	30.25	22.69			113.43
18.38.4		32 mm dia nominal bore	5	Metre	36.35	27.26			136.30
29	18.17	Providing and fixing gun metal gate valve with wheel of approved quality.							
18.17.1A		20mm dia nominal bore	8	Each	539.95	404.92			3239.38
18.17.1		25mm dia nominal bore	10	Each	622.40	466.75			4667.53
18.17.2		32mm dia nominal bore	10	Each	689.60	517.15			5171.48


18.48		Providing and fixing rectangular high density polyethylene water storage loft tank with cover, conforming to ISI : 12701, colour of opaque white or as approved by Engineer-in-charge. The rate includes making necessary holes for inlet, outlet & over flow pipes. The base support including fittings & fixtures for tank shall be provided.	1000	LTR	11.00	8.25		8249.18	
31	PCR	Providing and fixing MS pipe puddle flanges of required size with 600mm long with 6mm thick MS plate of size 300mm x 300mm of suitable size properly fixed in RCC walls of water tanks, including necessary welding complete in all respect as per details shown on drawings and directions of Engineer-in-charge for water tanks.							
	PCR	25mm dia.	4	Each			1290.00		5160.00
	PCR	40mm dia.	6	Each			1440.00		8640.00
	PCR	50mm dia.	4	Each			1595.00		6380.00
32	19.27	Constructing brick masonry road gully chamber 50x45x60 cm with bricks of class designation 7.5 in cement mortar 1:4 (1 cement : 4 coarse sand) including 500x450 mm pre-cast R.C.C. horizontal grating with frame complete as per standard design:-							
33	19.27.1	With common burnt clay F.P.S. (non modular) bricks of class designation 7.5	2	Each	5957.90	4467.98		8935.96	
TOTAL CARRIED TO SUMMARY								72701.43	20180.00


Boring Work-2 HP submersible Pump

Discription		Qty	Unit	Rate	Amount	
1	Boring/drilling bore well of required dia for 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 & running charges of all equipments, tools, plants & machineries required for the job, all complete as per direction of Engineer -in-charge, beyond 90 metre & upto 150 metre depth below ground level.23.2.1.1 300 mm dia	23.2.1.1 60.00	Rmt	825.70		49542.00
2	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 & accessories etc. all complete, for all depths, as per direction of Engineer -in-charge.23.3.2 150 mm nominal size dia	23.3.2 24.00	Rmt	793.25		19038.00
3	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 & labour charges, fittings & accessories etc. all complete, for all depths, as per direction of Engineer-in-charge.23.4.2 150 mm nominal size dia	23.4.2 32.00	Rmt	807.45		25838.40
4	23.15 Providing and fixing Bail plug/ Bottom plug of required dia to thebottom of pipe assembly of tubewell as per IS:2800 (part I).23.15.3 200 mm dia	23.15.3 1.00	Nos	322.00		322.00
5	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:23.13.2 150 mm dia	23.13.2 1.00	Nos	246.45		246.45
6	Supply and fixing of 32mm dia Cloumn pipe	MR 26.00	Rmt	269.00	6994.00	
7	Supplying, filling, spreading & leveling gravels of size range 5 mm to10 mm, in the recharge pit, over the existing layer of boulders, in required thickness, for all leads & lifts, all complete as per direction of Engineer-in-charge.	23.6 1.00	cum	1538.25		1538.25
8	Devolpment of Boring	23.12 6.00	Hours	1085.05		6510.30
9	Flate copper cable3Core 6sqmm	MR 60.00	rmt	295.00	17700.00	
10	Suppply and fixing of 2 HP Submersible Pump with Control pannel Complete	MR 1.00	job	17500.00	17500.00	
11	Supply of steel Wair robe	MR 40.00	Rmt	70.00	2800.00	
					44994.00	103035.40
						75023.25
	Cost index (0.735x106/107)					120017.25

Name of work :- Electrical Estimate of (PENSIONER HALL)

S. No.	Code	Description of Item	Qty.	Unit	Rate	Amount
1	2	3	4	5	6	7
(A)	Schedule Rate - (As per CPWD - DSR (E&M) -2022)					
1	1.10	Wiring for light point / fan point / exhaust fan point / call bell point with 1.50 sq. mm FRLS PVC insulated copper conductor single core cable in surface / recessed medium class PVC conduit, with modular switch, modular plate, suitable G I box and earthing the point with 1.50 sq. mm FRLS PVC insulated copper conductor single core etc. as required.	24	Each	1467.00	35208.00
	1.10.3	Group C				
2	1.11	Wiring for twin control light point with 1.50 sq. mm FRLS PVC insulated copper conductor single core cable in surface / recessed medium class PVC conduit, with 2 way modular switch, modular plate, suitable G I box and earthing the point with 1.50 sq. mm FRLS PVC insulated copper conductor single core etc. as required.	2	Each	1562.00	3124.00
3	1.12	Wiring for light / power plug with 2 x 4.00 sq. mm FRLS PVC insulated copper conductor single core cable in surface / recessed medium class PVC conduit, along with 1 No. 4.00 sq. mm FRLS PVC insulated copper conductor single core for loop earthing as required.	8.00	Metre	334.00	2672.00
4	1.14	Wiring for circuit / submain wiring alongwith earth wire with the following sizes of FRLS PVC insulated copper conductor single core cable in surface / recessed medium class PVC conduit as required.				
			175.00	Metre	223.00	39025.00
	1.14.1	2 x 1.50 sq. mm + 1 X 1.50 sq. mm earth wire	125.00	Metre	275.00	34375.00
	1.14.2	2X2.5 sqmm + 1x 2.5 sqmm earth wire	50.00	Metre	334.00	16700.00
	1.14.3	2X4.0 sqmm + 1x 4.0 sqmm earth wire	20.00	Metre	439.00	8780.00
	1.14.4	2 x 6.00 sq. mm + 1 X 6.00 sq. mm earth wire				
5	1.17	Supplying and drawing following sizes of FRLS PVC insulated copper conductor single core cable in existing surface / recessed steel / PVC conduit as required.	30.00	Metre	95.00	2850.00
	1.17.3	3 x 1.50 sq. mm	10.00	Rm	206.00	2060.00
	1.17.21	3 x 4 Sq.m				
6	1.24	Supplying and fixing of following modular switch / socket on the existing modular plate and switch box including connections but excluding modular plate etc. as required. modular base and cover plate for modular switches in recess etc. as required.	5	Each	103.00	515.00
	1.24.1	5 / 6 A Switch	5	Each	122.00	610.00
	1.24.4	3 pin 5 / 6 A socket outlet				
7	1.25	Supplying and fixing two module stepped type electronic fan regulator on the existing modular plate switch box including connections but excluding modular plate etc. as required.	7	Each	369.00	2583.00
8	1.26	Supplying and fixing modular blanking plate on the existing modular plate and switch box excluding modular plate as required.	5	Each	40.00	200.00
9	1.32	Supplying and fixing suitable size G I box with modular plate and cover in front on surface or in recess, including providing and fixing 6 pin 15/16 A modular socket outlet and 15/16 A modular switch, connections etc. as required.	5	Each	586.00	2930.00
10	1.33	Supplying and fixing 3 pin, 5 A ceiling rose on the existing junction box / wooden block including connections etc. as required.	10	Each	87.00	870.00
11	1.45	Installation, testing and commissioning of ceiling fan, including wiring of the down rods of standard length (upto 30 cm) with 1.50 sq. mm, FRLS PVC insulated, copper conductor, single core cable including providing and fixing phenolic laminated sheet cover on the fan box etc.. as required.	7	Each	339.00	2373.00
12	1.50	Installation of exhaust fan in the existing opening, including making good the damage, connection, testing, commissioning etc.. as required.				
	1.50.1	Upto 450 mm sweep.	3	Each	450.00	1350.00


 अवर अभियन्ता (विद्युत)
 यू. पी. सिडको
 अयोध्या मण्डल



 अधिशाही अभियन्ता (वि०)
 यू० पी० सिडको

13	1.57	Supplying and fixing suitable size G I box with modular plate and cover in front on surface or in recess, including providing and fixing 25 A modular socket outlet and 25 A modular SP MCB, "C" curve including connections, painting etc. as required.	4	Each	727.00	2908.00
14	1.58	Supplying and fixing PVC Batten / angle holder including connections etc. as required.	5	Each	110.00	550.00
15	2.3	Supplying and fixing following way, single pole and neutral, sheet steel, MCB distribution board, 240 V, on surface / recess, complete with tinned copper bus bar, neutral bus bar, earth bar, din bar, interconnections, powder painted including earthing etc. as required. (But without MCB/RCCB/Isolator)	2	Each	2315.00	4630.00
	2.3.3	12 way, double door				
16	2.10	Supplying and fixing 5 A to 32 A rating, 250 / 415 V, 10 Ka, "C" curve, miniature circuit breaker suitable for inductive load of following poles in the existing MCB DB complete with connections, testing and commissioning etc. required.	24	Each	256.00	6144.00
	2.10.1	Single pole				
17	2.12	Supplying and fixing following rating, double pole, 240 V, isolator in the existing MCB DB complete with connections, testing and commissioning etc. required.	2	Each	527.00	1054.00
	2.12.2	63 Amp.				171511.00
		Total				130401.37
		Multiplied by Rate factor (without cost index) @ 0.789*106/110				130401.37
		Total (A)				
(B)	Schedule rate					
1	MR	S/F of surface/flush mounting 6 ways VTPN distribution board with addition metal door without DPX3 160 MCCB complete in all respect. as directed at site by Engineer in charge. Cat-B	1	Each	9270.00	9270.00
			2	Each	390.00	780.00
2	MR	S/F of 50 Amp. to 63 Amp. SPMCB (10 KA) Cat-B				
3	MR	S/F of 80 Amp. To 100 Amp. 4 pole MCCB (16 KA) Thermal Magnetic release. Cat-B	1	Each	3880.00	3880.00
4	MR	Supply and fixing of 16 gauge M S drum with louvers duly painted including making hole in the wall for exhaust fan and finishing properly complete in all respects.	5	Each	1180.00	5900.00
5	MR	Supply and fixing of hexagonal / round G P fan box of approved make made up 1.0 mm thick ISI Marked G.P. sheet spot welded four to Eight holes of 25.40 mm for pipe entry of the box. Holes should be semi-shuttered type with 0.50 mm G P sheet made upper and lower cover duly screwed fitted with 300 mm round zink coted M S bar x 12 mm and brand name should be embossed, fixing with wiring conduit laid in the R.C.C. roof before concreting along with supply of all material, labour, T&P etc. required for proper completion of work.	7	Each	150.00	1050.00
7	MR	Supply & Laying of 25 mm x 3 mm G.I. Strip from earth electrode directly in the ground as required complete in all respect.	10	Rm	90.00	900.00
8	MR	Supply and burring of Safe Earthing Electrode T-19 (Hot Dip Galvanised), Length up to 3000 mm, outer pipe dia 50 mm inner pipe dia 25 mm, terminal dia 12 mm, outer GI pipe of 16 SWG and inner GI pipe of 12 SWG with hot dip galvanization upto 100 micron filled with crystalline conductive mixture (CCM) having anti corrosive & conductive property with 50 kgs activated soil (BFC) capable of reducing the soil resistivity with good mixture of retaining capacity with 30 cm square C.I. frame with hinged cover and masonry housing, (from apron to switch board cost of 25 x 3 mm G I strip will be extra). Make: C.P.R.I. Certified.	1	Each	8000.00	8000.00
9	MR	Supply and fixing of crimping, solderless, copper tin electroplated lugs of Dowells/Smal make suitable for 1.5 sq.mm to 25 sq.mm cables, including tapping with insulating tape, complete in all respect.	20	Each	15.00	300.00
		MAIN L.T. PANEL				

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अधिसाकी अभियन्ता (वि०)
यू०पी० सिडको

10	MR	Supply, & Erraction of factory fabricated & wired metal clad dust and vermin proof floor mounted, M.S. channel base with bottom and top cable entreis electrical control panel with TPN MCCB's (four pole 36 KA with thermal magnatic release) switches complete and instrument chamber etc. complete in all respects. the instrument chamber shall be separate and shall comprise of flush type digital metering system for phase to phase votage and single phase voltage, current and other parameters(KVA,PF,KW etc) in each phase with touchtype selector switches for different reading instrument fuses, current transformer etc. The panel board shall have suitable capacity electrolytic aluminium basbar as per IS 8623 or above insulated with heat shrink sleeving and mounted on non hygroscopic supports such as CMC/BMC support with deteachable side covers and shall be suitable for extension on the sides. the MCCB's shall be complete with suitable cable end boxes, compression glands and indicating lamp on incoming etc.				
		the job includes the grounting of the board as per directions of Engineer-in-charge. All out going of 100 Amp and above shall have an Ammeter. the panel board shall be fabricated with CRCA sheet with a minimum thickness of 1.6mm/2mm. cubicle type switch board shall be of cat A & B only.				
	MR	Incoming :				
		200 Amp. MCCB - 1No				
		Cat. B Panel Cubicale Type				
		Metering :				
		One (1) No. (0-500V) 96 x 96 Sqmm voltmeter with control fuse & selector switch.				
		One (1) No. (0-400A) 96 x 96 Sqmm CT operated Ammeter with selector switch, CTs etc.				
		One (1) Set of Phase Indication Lamp.				
		Bus Bar :				
		One (1) No.200 A, TPN aluminium bus bar of suitable length.				
		Outgoing :				
		Phase indication lamps on each outgoing to be provided.				
		100Amp 2P MCCB -1Nos.				
		63Amp 4P MCB - 1No.				
		63Amp 4P MCB - 1Nos.-Spare				
		40Amp 4P MCB - 1Nos.-Spare	1.00	Each	59500.00	59500.00
		Total (B)				89580.00
(C)	Schedule rate					
1	MR	Supply & Laying of Aluminium conductor PVC insulated armoured served sheathed cables 1100 Volts grade at a depth of 750 mm below ground level over a cushion of 75 mm thick sand all around and protected with burnt bricks on sides and on top. On surface the cable run shall be fixed on M.S. clamps etc. of suitable size or as directed by the Engineer-In-charge, complete in all respect. Including excavation and refiling. The armouring of the cable shall be properly connected with the earth conductor by clamps etc.				
	MR	16 sq mm x 4 core.	10.00	Rm	523.76	5237.60
2	MR	Supply and fixing of recess/surface mounting round 18 watt to 20 watt Cut out Min 150mm, Height Min 40mm, LED Down Lighter having Powder coated die cast aluminium housing with heat sink, diffuser/Reflector and driver set, suitable for 24Hr Continuous Operation, complete in all respect. 1980-2200 system lumens, 100lm/watt, PF>0.95, THD<10%, at full load CRI>80, with 3 year warrantee Cat AA	13	Nos	1443.22	18761.86


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 अधिशाषी अभियन्ता (वि०)
 यू०पी० सिङको

3	MR	Supply and fixing of LED Tube Light with Metal heavy duty box type batten Light fitting 1 x 22 watt suitable for upto 1 x 22 watt LED Polycarbonate tube light complete including tube suitable for both surface & suspended complete in all respect. 2420 system lumens, 110 Lm/watt, PF > 0.95, THD<10%, at full load CRI>80, Tube with aluminium sink hit with 3 year warrantee Cat AA	8	Each	913.55	7308.40
4	MR	Supply and fixing of water tight oblong 10 watt LED bulkhead luminaire having die cast housing with driver set conforming to IP 65 and above protection. complete in all respect. 1100 system lumens, 110 Lm/watt, PF > 0.95, THD<10%, at full load CRI>80, with 3 year warrantee Cat AA	2	Each	1149.15	2298.30
Total (C)						33606.16
(D)	Schedule rate					
1	MR	Supply of Ceiling fan 1200 mm sweep, 220 / 240 Volt, 50 Hz, 1 - phase, Double ball bearing , Capacitor type one star / ISI marked complete with down rod, blades, canopies etc. Usha / Crompton / Khaitan / Bajaj / Havells make.	7	Each	1950.00	13650.00
2	MR	Supply of Exhaust fan (Not fresh air fan) 300 mm sweep, double ball bearing complete in all respects. Usha / Crompton / Khaitan / Bajaj / Havells make.	3	Each	2500.00	7500.00
4	MR	Supply and fixing of LED Bulb 9 watt, Bajaj / Crompton / Philips / Havells / Reputed make.	4	Each	225.00	900.00
			20.00	Each	20.00	400.00
5	MR	S/L of G.I. wire 8 SWG	Total (D)			276037.53
Total (A+B+C+D)						276037.53
Total						2.76
Say In Lacs						

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