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**Pashupatinath Mandir Prabandhak Society
Mandsaur**

Percentage Rate Tender

For

Constriction of shops for Pujan samagri etc. , Entrance gate, Clock room, Donation counter, Drinking water, handwash, shoe stand and urinals (without flooring) work including internal electrification work in campus of Shri Pashupatinath Temple area, Mandsaur.

1. Sold to
2. For Rs. 10,000.00 (Ten thousand) Non refundable vide M.R.
No. _____ Date _____.
3. Due date of receipt of Tender upto 11:30 Hrs. on 10.03.2010
4. Date & Time of Prebid Meeting upto 15 Hrs. of 03.03.2010

**Secretary
Shri Pashupatinath Mandir
Prabandhak Society
Mandsaur
Phone No. 07422-245288**

February 2010

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NOTICE INVITING TENDER

(Three Envelope System)

Sealed tenders on Percentage rate basis in three envelope system are invited from competent contractors having sound technical and financial capacity for Constriction of shops for Pujan samagri etc. , Entrance gate, Clock room, Donation counter, Drinking water, hand wash, shoe stand and urinals (without flooring) including Internal Electrification Work in campus of Shri Pashupatinath Temple Area, Mandsaur.

Estimated cost of Works	:	Rs. 100 Lacs
Earnest Money	:	Rs. 1.00 Lac crossed Demand Draft Drawn in Favour of Secretary SPMPs Mandsaur payable at Mandsaur.
Time of Completion	:	Ten months including rainy season
Cost of One Set of Tender Form	:	Rs. 10000.00 (Ten Thousand only) (Non Refundable) By Cash/DD in Name of Secretary SPMPs Mandsaur.
1. Place and Date of Submission of Tenders	:	Tender Documents to be Submitted as per instruction upto 11:30 Hrs. of 10.03.10.
2. Date & Time of Prebid Meeting	:	15 Hrs. of 03.03.10
Place and Date of Opening of Technical Bid	:	The Technical Bid will be opened on 10.03.10 at 13:30 PM. The same day Financial bid shall also be opened at 3.30 PM in the presence of the Interested tenderers or their representatives.

Tender documents may be purchased during office hours on any working day from 10:30 Hrs. to 17:30 Hrs upto 09-03-10 at the following address from the Office of Secretary SPMPs Mandsaur.

Tender submitted without Earnest Money deposit as specified are liable to be rejected. The employer reserves the right of acceptance or rejection of any or all tenders without assigning any reasons.

Secretary
SPMPs
Mandsaur

INSTRUCTION FOR TENDERING

1. **Eligibility Criteria for Contactors :-** (A) The contractor should be registered in A - IV or above category with any Engg. Deptt.of GoMP/GoI/Other State Government departments He Should have sufficient working experience of building work of similar magnitude and posses or own Tools & Plant, equipment required for the work.
(B) Contractor should furnish information in appendix I to VI annexed herewith so as to establish his capability.
(C) The contractor should have successfully completed the building of following magnitude during preceding 5 years.
1.....
2.
3.
The completion of such works shall be supported by the certificate from competent authority.
2. Before tendering, the tenderer shall visit the site and also carefully examine the conditions of contract, the specifications, drawings and the Bills of Quantities and if there should be or appear to be any ambiguity in or discrepancy between any of these documents or between figured and measured dimensions upon the drawings, he should immediately refer the matter to the Architect. The tenderer is required, to inspect the site of the proposed work to acquaint himself with regard to the nature of work, availability of materials, labour, duration of working hours, efforts to be taken to work within the existing premises, Special Security arrangement to be made etc.
3. Access to the site will be given during the tender period by appointment.
4. Any clarifications required on the tender documents/drawings may be obtained from the office of Secretary SPMPS Manduar
5. Time is the essence of the contract and the time required for completion of work from the date of placing the order has been indicated in the appendix to the general conditions of the contract.
6. The tenderer shall complete the annexed form of Tender, Schedule and Bills of Quantities with the whole of the price and information called for therein and shall sign with date on each of the documents in the space provided for the purpose. Each page of the tender shall bear tenderer sign and also shall bear the stamp of the tenderer.

7. The tender form and documents attached to it shall not be detached one from the other and no alteration other than filling in of all blank spaces shall be made in the documents.
8. The tender shall be made on the basis of Building SOR effective from 15-06-09 issued by ENC MP PWD and 01-04-08 for electrical work and there will be no adjustment with variation in wage rates, taxes, prices of materials or any other costs, unless indicated otherwise. The SPMPS does not guarantee that any or all the various items of work will be in purview of the contract or splitting the work between two or more tenderers. Only one percentage shall be quoted for Building Work & Electrical Work.
9. The SPMPS reserves the right to adjust arithmetical or other errors in any tender in the way which he considers suitable, Any adjustment so made by the architect shall be stated to the tenderer.
10. The tender shall remain valid for acceptance for the period of 90 days from the date of submission. If the tenderer withdraws or modifies his offer during validity period, the EMD deposit shall be forfeited in favour of SPMPS .
11. The rates quoted are inclusive of Income tax, commercial tax, VAT and other taxes if applicable & the same will be deducted as per rules.
12. Tender will not be considered if not accompanied by a sum of 1.00 lakh (One Lac only) as Earnest Money. The Earnest Money of unsuccessful tenderer will be returned without interest after a decision is taken in respect of awarding the work. The Earnest Money deposited by the successful tenderer will be adjusted towards security deposit and will not bear any interest. The total security deposit will be a sum of 1) Earnest money deposit 2) Security deposit to be deducted from running bill and will be limited to 5% of the cost of the work put to tender or 5% of the cost of the work executed when the same exceeds the cost put to tender.
13. All accompaniments to the tender shall be in duplicate.
14. The tender drawings are provided to indicate the nature of work and have been issued for the purpose of tendering. Detailed working drawings will be issued to the contractor for execution of the work based on agreed working programme after issue of the work order.
15. (A) Mode of submission of Tender : The Tender shall be submitted till 11.30 AM of 10-03-10 by post or in person courier, tender box in the office of SPMPS

in accordance with the procedure detailed herein. However SPMPS does not take any responsibility for delay or loss in transit in case the documents are submitted by post.

(B) The Tenders should be submitted in 3 envelop system as under :

Packet 1 : This packet should contain the earnest money deposit and should be superscribed accordingly on the top of the envelope.

Packet 2 : This packet will be called as techno commercial bid and shall consist of performance statement, details as required under eligibility criteria, method to be adopted for quality control, financial document such as Bank solvency Audited statement of last three years (in case of firms) certified copies of income tax clearance certificate copies of valid registration, power of attorney if necessary and information as per. annexures I,II,III,IV,V annexed to this.

Packet 3 : The price Bid shall contain only the price schedule in the prescribed format of the tender document. All details except for the price shall be furnished in the techno commercial bid.

(C) Sealing and Making of Bids :- The Bidders shall mark and seal the bid as under:

Packet 1 : Earnest Money Deposit

Packet 2 : Techno Commercial Bid

Packet 3 : Price Bid

All the three envelopes duly sealed shall be kept in a separate outer envelope and should be duly addressed to Secretary SPMPS Mandsaur.

16. Tender submitted without following procedure as described above will be disqualified.
17. Subletting the work in any form will not be allowed.
18. Contractor should quote rates inclusive of all Taxes, Levies, and Duties present and future imposed by STATE GOVT, and LOCAL BODIES.
19. Conditional Tenders are liable to be considered as non-responsive.

20. Opening of Bids

On scheduled date at 13.30 hrs. of 10.03.10 the envelope of Earnest Money Deposit only shall be opened. If the EMD is found to be in order as laid down, then only the techno commercial Bid shall be opened which shall be evaluated as per requirement of tender documents. The financial price Bid of those successful prospective bidder shall then be opened for consideration on the same day if possible.

21. The percentage quoted shall be firm and not subject to any upward variation during the currency of contract. Only one percentage above or below shall be applicable for both schedule of rates i.e. Building S.O.R. and electrical S.O.R.
22. The tender documents can also be downloaded from Pashuspatinath Website from Website www.shripashupatinath.nic.in or www.mandsaur.nic.in But the tender should be accompanied by a Bank Demand Draft of Rs. 10000.00 payable at Manduar drawn in favour Secretary SPMPS towards the cost of tender document without which the tender shall be considered as non responsive.
23. A prebid meeting of the prospective tenderers shall be held on 03.03.10 at 15 hrs. in the office of SPMPS . The prospective bidders may send their queries if any, so as to reach the office of SPMPS by 02.03.10 so that due consideration, if required, may be given. However the right to consider or reject any or all such queries is reserved with the SPMPS .
24. The disposal or the utility as the case may be of the material obtained from dismantling/excavation shall be done as per direction of Consultant/Architect of SPMPS .
25. Following shall form part of agreement :
 - (i) Notice inviting tenders.
 - (ii) Instructions for tendering with Annexures.
 - (iii) Financial Bid.
 - (iv) General Conditions of Contract.
 - (v) Appendix to bid (Conditions of Contract)
 - (vi) Special Conditions of Contract.
 - (vii) GAD.
 - (viii) Schedule of Items of work.
 - (ix) Letter of acceptance to be issued on acceptance work order letter.
26. Stamp duty if required for execution of the agreement shall be arranged and borne by the contractor.
27. Right to accept any tender or reject any or all tenders without assigning any reasons there of is reserved with SPMPS.

GENERAL INFORMATION

All Individual/Firms are requested to complete the information in this form.

1.	Name of Firm
2.	Head Office Address
3.	Telephone Contact
4.	Fax Telex
5.	Place of Incorporation Year of Incorporation /Registration /Registration

Signature of Tenderer

STRUCTURE AND ORGANIZATIN OF THE TENDERER

1. The Applicant is _____
- (a) An Individual
 - (b) A Proprietor Firm
 - (c) A Firm Partnership
 - (d) A Limited Company or Corporation

2. Attach the organization Chart
- Showing the Structure of the
- Organization, including the _____
- Names of the Directories and
- Position of Offers _____

3. Power of Attorney, If necessary

Signature of Tenderer

Annexure III

ANNUAL TURN OVER

Year	Annual Turn Over in India Rs. as per Balance Sheet or Income Tax Clearance Returns
2006-07	Rs.
2007-08	Rs.
2008-09	Rs.
Average Annual Turn Over	Rs.

Note : The above data is to be supported by balance sheets / ITC Returns

Annexure IV

PERSONNEL CAPABILITIES

S. No.	Name & Address of the Employee	Technical Qualifications	Post Held	Date of Employment
1.				
2.				
3.				
4.				
5.				

Signature of Tenderer

LIST OF MACHINERIES FOR NEEDS

1. Mini R&C Plant
2. Vibrator
3. Complete Equipments for Testing Materials
4. Good Quality of Steel Centering Material
5. Generator
6. Water Tanker
7. Dumpers

Signature of Tenderer

Financial Bid Documents

Place :

Date :

To,
Secretary
SPMPS, Mandour

Dear Sir,

Having examined the tender conditions, drawings, specifications, designs relating to the works specified in the memorandum and having visited and examined the site of the works specified in the said memorandum and having acquired the requisite information affecting the tender, I/WE hereby offer to execute the works specified in said memorandum within the time specified in the said memorandum on the percentage rate basis and in accordance with all respects with the specifications, designs, drawings and instruction in writing referred to in condition of tender, the Articles of Agreement, and with such materials as provided for, by and in all other respects in accordance with such condition so far as they may be applicable @% above/below the applicable schedule of rates.

MEMORANDUM

- a) **Description of Works** : **Constriction of shops for Pujan samagri etc. , Entrance gate, Clock room, Donation counter, Drinking water, handwash, shoe stand and urinals (without flooring) including Internal Electrification Work in the campus of Shri Pashupathinath Temple area at Mandour.**
- b) Earnest Money : Demand draft of Rs. 1.00 Lac.
- c) Percentage, if any, to be deducted from Bills : 5% (Five Percent)
- d) Time allowed for completion of the works from the 15th day after the date of written Order to commence work or from the Day of handing over the site. : Ten months including Rainy season.
- (1) We undertake to complete and deliver the whole of the works comprised in contract with in the time stated in the Appendix to Bid or the general condition of the contract.

- (2) We have independently considered the amount of liquidated damage in the Appendix to Bid of the general conditions of the contract and agree that it represents fair estimate of the loss likely to be suffered by us in the event of the works not being completed in time.
- (3) If our tender is accepted, we will, furnish the performance security deposit for the sum named in the appendix to Bid of the general conditions of the contract for the due performance of the contract.
- (4) We agree to abide by this tender for the period of 3 months from the date fixed for receiving the same and it shall remain binding upon us and maybe accepted at any time before expiry of that period.
- (5) Unless until a formal agreement is prepared and executed this tender together with our written acceptance thereof shall constitute a binding contract between us.
- (6) We understand that you are not bound to accept the lowest or any tender you may receive and reserves to itself, the right to accept or reject any or all the tenders, either in whole or in part, without assigning any reason thereof.
- (7) Should this tender be accepted, I/We hereby agree to abide by and fulfill the terms and provisions of the said conditions of contract annexed hereto as far as they may be applicable or in default thereof to forfeit and pay to SPMPS the amount mentioned in the said conditions.
- (8) I/We have deposited Demand Draft for a Sum of Rs 1.00 Lac earnest money deposit with SPMPS. Should I/We do fail to execute the contract when called upon to do so I/We hereby agree that this sum shall be forfeited by me/us to SPMPS-Mandsaur.
- (9) Our Bankers are :
- (10) The names of partner of our firm are
 - (i)
 - (ii)
 - (iii)
 - (iv)
 - (v)

Name of the partner of the firm authorised to sign.
OR Name of person having Power of Attorney to
sign the Contract. (Certified True copy of the
Power of Attorney should be attached).
(Signature and address of witnesses)

(1)

Yours Faithfully,

(2)

Signature of Contractor

GENERAL CONDITIONS OF CONTRACT

1. RATES

1.1 The contractor should quote his rates for the work on the basis of Schedule of rate issued by Engineer-in-Chief MP PWD Bhopal effective from 15.06.09 and amended upto date of issue of the NIT for building work and 1-04-08 for electrical work. The rates should be written in figures as well as in words. All corrections and alterations made while filling the tender must be attested by initials of the tenderer. Overwriting of figures is not permitted. The contractor will not have the freedom to change the unit. Only percentage above or below the schedule of rate is to be quoted. If there is any difference between the amount of words and figures written in the tender forms by the contractor the lesser amount will be treated as valid, if the contractor is not ready to accept the amount so fixed in the above manner and declines to do the work, earnest money deposit of the contractor shall be forfeited.

1.2 The rates quoted shall be firm and shall not be subjected to any change variations, labour conditions, fluctuations in railway freight, taxes, royalties and any conditions whatsoever. All rates & prices quoted shall remain firm throughout the tenure of contract (till the completion of all major & minor works in the scope of contractor & its certification by Architect). **Escalation will not be paid in any case. But difference in cost of cement and steel will be reimbursed as per clause 11(C) of the bid.**

1.3 The rate quoted in the tender shall also include all required material, man-power, tools & plants, temporary water & electric connection and consumption charges required to execute the work, sales tax, excise duty, octroi, royalty and any other tax and duty or other levy levied by the Central Government or any State Government or Local authority, if applicable No claim in respect of sales-tax, royalty, excise duty octroi or other tax duty or levy whether existing or future shall be entertained by the SPMPs.

2. TYPE OF CONTRACT:

The contract shall be percentage rate contract. The Contractor shall be paid for the actual quantity of work done, as measured at site, at the rates quoted by him.

3. CONTRACT DRAWINGS:

The preliminary drawings, prepared by the Architect, are annexed with the tender and clarification required if any, may be obtained from Architect. It should be borne in mind that the drawings are only broad guidelines for the works to be executed. SPMPs has a full right for addition/omission or any change in the drawing/s, at any stage prior or

during execution stage. The addition/omission/change, will not vitiate the contract and contractor's claim on this account will not be entertained on any ground. In general the drawings shall indicate dimensions, position and type of construction work. The specifications shall indicate the qualities and the methods. Any work indicated on the drawings and not mentioned in the specification or vice versa shall be furnished as thoughtfully set forth in both. Work not specifically detailed, called for, marked or specified shall be the same as similar parts that are detailed, marked or specified.

- 3.1 The contractor's work shall not deviate from the drawings and the specifications. The consultant interpretation of these documents shall be final and without appeal.
- 3.2 Errors or inconsistencies discovered in the drawings and specifications shall be promptly brought to the attention of the Architect, for interpretation or correction. Local conditions which may affect the work shall likewise be brought to the Consultant attention. If at any time, it is discovered that work is being done which is not in accordance with the contract drawings and specifications the contractor shall correct the work immediately. Corrections of defective work shall not be a basis for any claim for / or extension of time, the contractor shall not carry on work except with the knowledge of the Consultant.
- 3.3 Figured dimensions on the Scale Drawings and large size details shall govern. Large size details shall take precedence over small scale drawings. Any work done before receipt of such details, if not in accordance with the same, shall be removed and replaced or adjusted, as directed, by the Contractor without expense to the Employer. The general conditions apply with equal force to all the work including authorized extra works.
- 3.4 Drawings and designs for the project will remain property of the SPMPS and will not be used without the written permission of the SPMPS elsewhere.
- 3.5 In case detailed Drawings/ Shop drawings are necessary contractor shall prepare such detailed drawings and / or dimensional Sketches thereof and have it confirmed by the Consultant prior to taking up such work.
- 3.6 The contractor shall ask in writing for all clarification's on matters of ambiguity or confusion occurring anywhere in drawings, specifications and schedule of quantities or to additional instructions at least 7 days ahead from the time when it is required for implementation so that the Consultant may be able to give decision thereon.

4 CONSULTANT'S INSTRUCTIONS:

- 4.1 The contractor shall forthwith comply with and duly execute any works comprised in such instructions issued to him by the Consultant in regard to any matter in respect of which the Architect is empowered by these conditions to issue instructions provided always that

verbal instructions, directions and explanations given to the Contractor or his work representative by the Consultant shall if involving a variation be confirmed in writing. If within seven days after receipt of a written notice from the Consultant, requiring compliance with an instruction the Contractor does not comply herewith, then the employer may employ and pay other persons to execute any work whatsoever which may be necessary to give effect to such instructions and all cost incurred with such employment shall be recoverable from the Contractor by the Employer as a debt or may be deducted by him from any monies due or to become due to the Contractor under this contract.

- 4.2 Upon receipt of instruction issued to the contractor by the Consultant, the Contractor may request in writing of any effect on the tender or the work such instruction may cause and the decision of the Consultant in this regard will be final and binding on the Contractor.
- 4.3 All instructions issued by the Consultant shall be in writing. Any instruction issued orally shall be of immediate effect, but shall be got confirmed in writing by the Contractor from the Consultant within seven days.

5 FACILITIES AND CO-OPERATION:

In the case of works indicated on the drawings but not included in the contract the Contractor shall provide necessary facilities and co-operation for any subcontractor or supplier who may be approved by the Consultant. The Contractor shall do all cutting, filling or patching of his work that may be required to make its several parts come together properly and fit it to receive or be received by work of other Contractors shown upon or reasonably implied by the drawings and specifications for the completed structure, and he shall make good after them as the Consultant may direct.

The Contractor shall not endanger any work by cutting, excavating or otherwise altering the work and shall not cut or alter the work of any other Contractor save with the consent of the Consultant.

6 SAMPLES AND SHOP DRAWINGS:

- 6.1 After the award of the contract, the Contractor shall furnish for the approval of the Consultant, with such promptness as to cause no delay in his work or in that of any other Sub-Contractor, samples and shop drawings required by the specifications or by the Consultant. Samples shall be delivered as directed by the Consultant.
- 6.2 A schedule giving dates for the submission of samples shall be included in the schedule described under clause 13. Unless specifically authorized all samples must be submitted

for approval of Consultant within Fifteen days of signing the contract and not less than seven days before the date a particular work involved is scheduled to begin.

- 6.3 The Consultant in consultation with SPMPS shall check and approve such samples, with reasonable promptness only for conformity with the design concept of the project and for compliance with the information in the contract documents. The work shall be in accordance with the approved samples.

7 CONSULTANT'S STATUS AND DECISION:

- 7.1 The Consultant shall be the Employer's representative during the construction period. The Consultant shall periodically visit the site to familiarise himself generally with the progress and the quality of the work and to determine in general if the work is proceeding in accordance with the contract document. He shall not be required to make exhaustive or continuous site inspections to check the quality of the work and he shall not be responsible for contractor's failure to carry out the construction work in accordance with the contract document. During such visits and on the basis of his observations while at the site he shall keep the employer informed of the progress of the work, shall endeavor to guard the employer against defects and deficiencies in the work of the Contractor and he shall have authority to act on behalf of the employer only to the extent expressly provided in the contract document or otherwise in writing which shall be shown to the Contractor. He shall have the authority to stop the work whenever such stoppage may be necessary in his reasonable opinion to ensure the proper execution of the contract.

7.2 DECISION:

Consultant may in their absolute discretion issue further drawings and or written instruction, details, directions and explanations, which are, hereinafter collectively referred to as "The Consultant's instructions in regards to:

- a) The variation or modification of the design quality or quantity of works or the addition or omission or substitution of any work.
- b) Any discrepancy in the drawings or between the schedule of quantities and /or drawings and /or specification.
- c) The removal from the site of any defective material brought thereon by the contractor and the substitution of any other material thereof.
- d) The demolition removal and/or re-execution of any work executed by the contractor/s.
- e) The dismissal from the work of any persons employed thereupon.
- f) The opening up for inspection of any work covered up.

- g) The rectification and making good of any defects under clauses hereinafter mentioned and those arising during the maintenance period (retention period)

The contractor shall forthwith comply with and duly execute any work comprised in such Consultant's verbal instructions and that verbal instructions, directions and explanations given to the contractor or his representatives upon the works by the Employers / Consultants shall be confirmed later on in writing. No works for which rates are not specifically mentioned in the schedule shall be carried out without written permission of the Architects/Consultant.

Regarding all factory made products for which ISI marked products are available, only products bearing ISI marking shall be used in the work. The ISI marked materials can also be subjected to test if asked by the Consultant to do so.

8. THAT, all dues regarding taxes present or imposed in future, including the Sales Tax , , VAT, Octroi duties, Royalties, and/or all such other taxes/fees levied on the Contractor's work by Government and/or Local Bodies will be payable by the Contractor, and the Employer will not be liable to compensate the Contractor any expenses incurred by the Contractor on any such account/s.

9 STATUTORY OBLIGATION, NOTICES, FEES AND/CHARGES

- 9.1 The Contractor shall comply with and give all notices required by any government authority, and instrument, rule or order made under any act of parliament or any regulation or by-law of any local authority relating to the work or with whose system the same is or will be connected. The Contractor before making any variation from the Contract drawings or contract bills necessitated by such compliance shall give to the Consultant a written notice specifying and giving reasons from such variations and the Consultant may issue instructions in regard thereto.

- 9.2 The Contractor shall pay and indemnify the Employee against liability in respect of any fees or charges (including any rates and taxes) legally demandable under any Act of Parliament, instrument, rule or order or any regulation or by-law or any local authority in respect of the work.

10 SUB-CONTRACTOR:

The Contractor shall not be allowed to sublet the work in whole or parts in any case without the permission of Employer/ Consultant. Even for some specialized works no subletting will be allowed without the prior approval of the competent authority in writing without which the Contractor cannot sublet or assign to any other party, or parties the whole, or any portion of work under the contract. Even where such approval is granted,

the Contractor shall not be relieved of any obligation or duty or responsibility which he undertakes under the contract.

- 10.1 All specialists, merchants, tradesmen, and others executing any works or supplying and fixing any goods, who may be nominated or selected by the Consultant shall be deemed to be Sub-Contractors employed by the Contractors and are to be referred as nominated sub-contractors. No nominated sub-contractor shall be employed on or in connection with the work against whom the contractor shall make reasonable objection (save where the Consultant and Contractor shall otherwise agree).

11. ALTERATION OF QUANTITIES

A schedule of probable quantities in respect of each work and the specifications accompany these special conditions. The schedule of quantities is liable to alternation by, omissions, deductions or additions at the discretion of the Architect/ Consultant.

The quantities shown in the schedule of quantities are intended to cover the entire structure indicated in the drawings but the Owners reserves the right to execute only a part or the whole or any excess thereof without assigning any reason thereof. The quantity of any item can vary to any extent and no claim of contractor will be entertained on this ground.

12. MATERIALS & WORKMANSHIP TO CONFIRM TO DESCRIPTIONS

All materials and workmanship shall so far as procurable be of the respective kinds described in the schedule of quantities and/or specifications and in accordance with the instructions, and the Contractor shall upon request of the Architect/Consultant furnish him with all invoices, accounts, receipts and other vouchers to prove that the materials comply therewith. The Contractor shall at his own cost arrange for and/or carry out any test of any materials which the Consultant may require.

13 CERTIFICATES AND PAYMENTS

The Contractor shall be paid by the employer from time to time by *installments* under interim certificate to be issued by the Consultant to the contractor on account of the works executed when in the opinion of the Consultant, work to the approximate value named in the appendix as "Value of work for Interim certificates" (or less at the reasonable discretion of the Consultant) has been executed in accordance with this contract, subject however, to a retention of percentage of such value named in the Appendix hereto as "Retention Percentage from Interim Certificates" until the total amount retained shall be as mentioned in the appendix "Total retention money" after full value of the work subsequently so executed and fixed in the building. All such payment should be deemed

to be on account payment subject to settlement in Final Bill. The Consultant may in his discretion include in the interim certificate such amount as he may consider proper on account of materials delivered upon the site by the Contractor for use in the works. And when the works have been virtually completed and the Consultant shall have certified in writing that they have been completed, the Contractor shall be paid by the employer in accordance with the certificate to be issued by the Consultant the sum of money named in the appendix as "Installment after virtual completion" being a part of the said total retention money. And the Contractor shall be entitled to the payment of the final balance in accordance with the final certificate to be issued in writing by the Architect at the expiration of the period referred to as "The defect liability period" in the Appendix hereto the date of virtual completion is the date by which all works shall have been finally completed and all defects made good according to the true intent and meaning hereof The issue of any certificate by the Consultant of any certificate during the progress of the works or after their completion shall not relieve the Contractor of his inability in cases of fraud, dishonesty or to any matter dealt with in the certificate. No certificate of the Consultant shall of itself be conclusive evidence that any works or materials to which it related are in accordance with the contract neither will the Contractor have a claim for any amounts which the Consultant might have certified in any interim bill and paid by the employer and which might subsequently be discovered as not payable and in this respect the employer's decision shall be final and binding.

The Contractors may be paid an advance for materials brought at site as mentioned in general instructions to contractors and special conditions. The Consultant shall have power to withhold any certificate of the works or any parts thereof if not being carried out to his satisfaction. Any advance against material brought to sites will be paid against full bank guaranty.

The Consultant may by any certificate make any correction in any previous certificate which shall have been issued by him. No certificate of payment shall be issued by the Consultant if the Contractor fails to insure the works and keep them insured till the issue of the virtual completion certificate.

Payments upon the Consultant's certificate shall be made within the periods named in the appendix as "Period for Honour of Certificate's after such certificates have been delivered to the employer.

14. PRICES FOR EXTRAS ETC.

The Contractor may, when authorised and shall, when directed, in writing by the Consultant with the approval of the employer add to , omit from or vary the works shown upon drawings, or described in the specifications, or included in the schedule of quantities, but the Contractor shall make no addition, omission or variation without such authorization or direction. A verbal authority or direction by the Consultant shall, be confirmed by them in writing within seven days, be deemed to have been given in writing. No claim for an extra shall be allowed unless it shall have been executed under provisions of clause 2 hereof or by the authority of the Consultants with the concurrence of the employer as herein mentioned. Any such extra is herein referred to as authorised extra and shall be made in accordance with the following provisions:

- 14(a) (i) The net rates or prices in the original tender shall determine the valuation of the extra work where such extra work is of similar character and executed under similar conditions as the work priced therein.
- (ii) Rates for all items, where ever possible, should be derived out of the rates given in the schedule of rates as mentioned herein.
- 14(b) Where extra work cannot be properly measured or valued the Contractor shall be allowed day work prices as the net rates in the tender or the price schedule of quantities or, if not so stated then in accordance with the local day work rates and wages for the district, provided that in either case vouchers, specifying the daily time (and if required by the Consultant, the workmen's names) and materials employed be delivered for verification to Consult, SPMPS at or before the end of the week following that in which the work has been executed.
- 14 (c) It is further clarified that no item of work other than specified in the tender document shall be executed without the prior written permission of the Consultant SPMPS. The Contractor should notify well in adv o the Consultant/SPMPS. The requirement of such work not specified in the S.O.R., and submit the detailed analysis and total quantity and estimate of such work, based on market prices if the material and labor and provision of profit & overheads at 15% only. The measurement and valuation in respect of the contract shall be completed within the period three months.

15 MATERIALS AND WORKMANSHIP

- 15.1 All materials and workmanship shall bear the relevant code of ISI specification and approved type and the Contractor shall immediately remove from the works any material and/or workmanship which in the opinion of the Consultant are defective or unsuitable

and shall substitute proper material and/or workmanship at his own cost. The term approval used in connection with this contract shall mean the approval of the Consultant.

- 15.2 The Contractor shall if required submit satisfactory evidence as to the kind and quality of material.
- 15.3 Where special makes or brands are called for they are mentioned as a standard. Others of equal quality may be used provided approval is first obtained in writing from the Consultant. Unless substitutions are requested no deviation from the specification will be permitted. Failure to propose the substitution of any article within 30 days after signing of the contract will be deemed sufficient cause for denial of the request for substitution.
- 15.4 The Contractor shall indicate and submit evidence in writing of those materials or articles called for in the specifications that are not obtainable for installation in the work within the time limits of the contract. Failure to indicate the above, within 30 days after the signing of the contract, will be deemed sufficient cause for the denial of request for the extension of the contract time.
- 15.5 All material shall be delivered so as to insure a speedy and uninterrupted progress of the work, such material shall be stored so as to prevent overloading of any portion of the structure, and the Contractor shall be entirely responsible for damage or loss by weather or other cause.

16 VIRTUAL COMPLETION AND DEFECTS LIABILITY PERIOD

- 16.1 When in the opinion of the Consultant the works are practically completed, he shall forthwith issue a certificate to that effect and virtual completion of the work shall be deemed for all the purpose of this contract to have taken place on the day named in such certificate.
- 16.2 Any defects, or other faults which shall appear within the Defect Liability Period stated in the appendix to these conditions and which are due to materials and workmanship not in accordance with the contract shall be specified by the Consultant in a schedule of defects which he shall deliver to the Contractor not later than 28 days after the expiration of the said Defects Liability period and within a reasonable time after receipt of such schedule the defects shrinkages and other faults therein specified shall be made good by the Contractor and entirely at his own cost.

17 Materials and Sample of Materials:

Materials shall be of approved quality and the best of their/available and generally conform to Indian Standard Specification, The Contractor shall order all materials

required for the execution of work as early as necessary and ensure that such materials are at site well ahead of their requirement for use in the work.

Samples of materials shall be supplied by the Contractor at his own cost for approval of the Consultant/SPMPS.

- 18 **Hazardous & Unsafe working** Contractor shall adhere to safe construction practice and guard against hazardous and unsafe working conditions and shall comply with relevant safety regulations as per Factory Act and any other statutory Acts, rules regulations etc. Safety rules as per IS shall be observed.

THAT, the Contractor shall be liable for and shall indemnify the Employer and the Consultant against any liability, loss claim or proceedings whatsoever, arising under any statute or at Law in respect to personal injury to, or death of any person whomsoever, arising out of or in the course of, or caused by carrying out the work/s.

APPENDIX TO BID
(Contract Data)

S. No.	ITEM	PARTICULAR CONDITIONS FOR THIS CONTRACT
1	Authority	Secretary Shri Pashupatinath Mandir Prabhand Society Mandsaur
2	a) Design & Work Consultant b) Design & Work Architect	Shri Umesh Pendharkar Shri Nitin Shrimali & Associates
3	Defects Liability Period	12 Months from the date of completion.
4	The Start Date	15 days from the date of issue of the work order i.e. letter to proceed with the work.
5	Intended Completion Date	Ten months Including Rainy Season reckoned from 'Issue of Work Order'.
6	Sites	Shri Pashupatinath Temple Campus Mandsaur
7	Name of the work	Constriction of shops for Pujan samagri etc. , Entrance gate, Clock room, Donation counter, Drinking water, handwash, shoe stand and urinals (without flooring)
8	Work Programme	7 days from the issue of Letter of Acceptance.
9	Amount of Performance security	5 (Five) Percent of the Contract Price.
10	Security deposit	5 (Five) Percent of Interim Payment to be deducted from Running bills.
11	Limit of Security Money	5 (Five) Percent of Contract Price.
12	Amount of Liquidated Damage	Rs 1,000/- (One Thousand) per day or part of a day.
13	Limitation of Liquidated Damages	6 (Six) Percent of Contract Price.

Conditions of Contract

Definition:

- 1 The 'Contract' means the documents, forming the Notice Inviting Tender and tender documents submitted by the tenderer and the acceptance thereof including the formal agreement executed between the Secretary SPMPs Mandsaur.
2. In the contract the following expressions shall unless otherwise required by the context have the meanings, hereby respectively assigned to them:
 - (a) The expression "Works" or work shall unless there be by mean something either in the subject or context repugnant to such construction, they constructed and taken to mean the works or by virtue of the contract, contracted to be executed whether temporary or permanent, and whether original, altered substituted or additional.
 - (b) The "Site" shall mean the land and or other places on, into or through which work is to be executed under the contract or any adjacent land, path or street through which work is to be executed under the contract or any adjacent land path or street which may be allotted or used for the purpose of carrying out contract.
 - (c) The term consultant/Architect means consultant Shree Umesh Pendharkar & Shri Nitin Shrimali who are nominated by SPMPs authority for designing and periodically supervising the work.
 - (d) The "Contract Period" mean the total construction period including extended period under clause "5" (Without Compensation for Delay)
 - (e) Competent authority means secretary SPMPs and his successor in office.
 - (f) SPMPs refers to [Shri Pashupathi Nath Mandir Prabandhak Society, registered under M.P. Society Registration Act, 1973 by Deputy Registrar, Firms and Society, Ujjain. \(M.P.\) \(Registration No. 07/35/01/08062/09 Dated 09-06-2009\)](#)

Note: "Words" importing the singular number include plural number and vice-versa.

Security Deposit:

Clause 1: The person whose tender may be accepted (hereinafter called the contractor, which expression shall unless excluded by or repugnant the context include his heirs, executors, administrators, representative and assigns) shall permit Secretary SPMPS at the time of making any payments to him for the value of work done under the contract to deduct the security deposit as under.

The security deposit to be taken for the due performance of the contract under the terms & conditions printed on the tender form will be earnest money plus a deduction of 5 percent from the payment made in the Running bills, till the two together amount of 5 percent of the cost of work put to the tender or 5 percent of the cost of the works executed when the same exceeds the cost work put to tender.

Compensation for Delay:

Clause 2: The time allowed for carrying out the work, as entered in the tender form shall be strictly observed by the contractor and shall be deemed to be the essence of the contract and shall be reckoned from the fifteenth day after the date on which the order to commence the work is issued to the contractor for a work where completion is up to 10 months.

The work shall throughout the stipulated period of contract, be proceeded with all due diligence keeping in view that time is the essence of the contract. The contractor shall be bound in all cases, in which the time allowed for any work exceeds one month, to complete 1/8th of the whole work before 1/4th of the whole time allowed under the contract has elapsed, 3/8th of the work before 1/2 of such time has elapsed and 3/4th of the work before 3/4th of such time has elapsed. In the event of the contractor failing to comply with the above conditions, the Architect/Consultant Secretary shall levy on the contractors as compensation an amount equal to Rs. 1,000/- (One Thousand only) per day or part thereof.

The total amount of compensation under the provision of the clause shall be limited to 6 percent of the value of work.

The decision of the Secretary SPMPS with the consultation of Architect/Consultant shall be final. The delay in departmental assistance ingrained in the contract will be taken duly into account while recover any compensation for the delay in the scales prescribed above. Where the Architect /Consultant decided that the contractor is liable to pay compensation for not giving proportionate progress under this clause and the compensation is recommended during the intermediate period such compensation shall be kept in deposit and shall be refunded if the

contractor subsequently make up the progress for the lost time within the period of contract including extension granted if any.

Action when the work is left incomplete abandoned or delayed beyond the Permitted Limit Allowed by the SPMPs.

Clause 3: In any case in which under any clause or clause of the contract shall have rendered himself liable to pay compensation amounting to the whole of his security deposit (whether paid in one sum or deducted by installment) or committed a breach of any of the rules contained in clause-24 or in the case of abandonment of the work except due to permanent disability or death of the contractor or any other cause, the Architect/Consultant of the SPMPs shall give a notice before 15 days and in the event of the contractor failing to comply with the directions contained in the said notice, shall have power to adopt any of the following courses as he may deem best in the interest of the Construction Committee.

(a) To rescind the contract (of which rescission notice in writing to the contractor, under the hand of the Architect/Consultant shall be conclusive evidence) and in which case the security deposit of the contractor with the society shall stand forfeited and be absolutely at the disposal SPMPs Mandasaur

AND

(b) To employ a labour paid by the work department and to supply materials to carry out the work or any part of the work, debiting the contractor with the cost of the labour and the price of materials (of the amount of which cost and price certificate of the Architect shall be final and conclusive against the contractor) and crediting him with value of the work done in all respects in the same manner and the same rates as if it had been carried out by the contractor under the terms of his contract or the cost of the labour and the price of the materials as certified by the Architect/Consultant whichever is less. The certificate of the Architect/Consultant as to the value of the work done shall be final and conclusive against the contractor. OR

(c) To measure up the work of the contractor and to take such part thereof as shall be unexecuted out of his hands and to give it to another contractor to complete in which case any expenses which may be incurred in excess of the sum which would have been paid to the original contractor, if the whole work had been executed by him (of the amount of which excess certificate in writing of the Architect/ Consultant shall be final and conclusive) shall be borne and paid by the original contractor and may be deducted from any money due to him by SPMPs under the contract or otherwise or from his security deposit or the proceeds of sale thereof or a sufficient part thereof.

In the event of any of the above courses being adopted by the Architect/ Consultant the contractor shall have no claim to compensation for any loss sustained by him by reason of his having purchased or procured any materials or entered into any agreement or made any advances on account of with a view to the execution of the work of the furnace of the contract and in case the contract shall be rescinded under the provision aforesaid the contractor shall not be entitled to recover or be paid any sum for any work there to for actually performed under the contractor unless and until the Architect/ Consultant will have certified in writing the performance of such work and the value payable in respect thereof, and he shall only be entitled to be paid the value so certified.

Whenever action is taken under clause 3 (a) the contractor's bill shall be finalized up within three months from the date of rescission.

Power to take Possession of or Require Removal of Materials Tools and Plants or Sale of Contractor's Plants etc.

Clause 4: In any case in which any of the powers, conferred upon the Architect/ Consultant by Clause 3 hereof shall have become exercisable and the same shall not be exercised, the non-exercised thereof shall not constitute a waiver of any of the conditions. Thereof and such powers shall notwithstanding be exercisable in the event of any future case of default by the contractor for which by any clause or clauses here of he is declared liable to pay compensation amounting to the whole of his security deposit and the liability of the contractor for the past and future compensation shall remain unaffected, in the event of the Architect/ Consultant putting in force either of the power (a), (b) or (c) vested in him under the preceding clause he may, if he so desires, take possession of all or any tools plant materials and stores in or upon the works, or the site thereof belonging to the contractor or procured by him and intended to be used to the execution of the work or any part there of, paying or allowing for the same in account at the contact rates or, in case of these not being applicable, at current market rates be certified by Architect/ Consultant whose certificate thereof shall be final, otherwise the Architect/ Consultant may by notice in writing to the contractor or his clerk of the works, foreman or other authorised agent required him to remove such tools, plant, materials., or stores from the premises (within a time to be specified in such notice) in the event of the contractor failing to comply with any such requisition, the Architect/ Consultant may remove them at contractor's expense or sell them by auction or private sale on account of the contractor and at his risk in all respects and the certificate of the Architect/ Consultant as to the expense of any such removal and the amount of the proceeds and expense of ax such sale shall be final and conclusive against the contractor.

Extension of time:

Clause 5: If the contractor shall desire an extension of time for completion of the work on the grounds of his having been unavoidably hindered in its execution, or any other ground he shall apply in writing to the secretary SPMPs within 30 days of the date of hindrance on account of which he desires such extension as aforesaid and the secretary SPMPs , with whom he has signed the agreement shall if in his opinion, (which shall be final) reasonable grounds are shown therefore, may authorise such extension. provided always where the Architect/ Consultant as recommended the grant of the extension or permitted the contractor to carry out

the work reserving the right of the Secretary SPMPs to impose the liquidated damages (as provided for under the agreement) the running bills shall not to paid to him till grant of time extension by Secretary SPMPs.

Provided further if any extension applied for is proposed to be refused by the competent authority, the authority shall give the contractor an opportunity to be heard before taking final decision.

Final Certificate:

Clause 6: On completion of the work, the contractor shall be furnished with a certificate by the Consultant (hereinafter called the Architect) of such completion in the form appended at the end, but no such certificate shall be given, nor shall the work be considered to be complete until the contractor shall have removed from the premises on which the work shall be executed all scaffolding, surplus materials and rubbish and cleaned off the dirt from all wood-work, doors, windows, walls, floors or other parts of any building in, upon or about which the work is to be executed or of which he may have had possession for the purpose of the execution thereof, nor until the work shall have been measured by the Architect whose measurements shall be binding and conclusive against the contractor. If the contractor shall fail to comply with the requirements of this clause as to removal of scaffolding surplus materials and rubbish and cleaning of dirt on or before the date fixed for the completion of the work. the Architect may, at the expense of the contractor remove such scaffolding surplus materials and rubbish and dispose of the same as he thinks fit and clean off such dirt as aforesaid, and the contractor shall forthwith pay the amount of all expenses so incurred, and shall have no claim in respect of any such scaffolding or surplus materials as aforesaid, except for any sum actually realized by the sale thereof.

Payment on Intermediate Certificate to be regarded as Advances

Clause 7: If intermediate payment during the course of execution of works is considered desirable in the interest of works the contractor may be paid at the discretion of the Architect/Consultant. The contractor shall on submitting the bills therefore be entitled to receive, a monthly payment proportionate to the part thereof then approved and passed by the Architect/ Consultant whose certificate of such approval and passing of the sum so payable shall be final and conclusive against the contractor. But all such intermediate payments shall be regarded as payments by way of advance against the final payment for works actually done and completed, and shall not preclude the requiring of bad, unsound, and imperfect or un-skillful work to be removed and taken away and reconstructed, or erected, or be considered as an admission of the due performance of the contract, or any such part thereof, in any respect or

the accruing of any claim nor shall it conclude, determine, or affect in any way the powers of the Architect/ Consultant under these conditions or any of them as to the final settlement and adjustment of the accounts or otherwise, or in any other way vary of affect the contract. The final bill shall be submitted by the contractor within one months of the date fixed for completion of the work, otherwise the Architects certificate of the measurement and of the total amount payable for the work accordingly shall be final and binding on all parties.

Bill to be Submitted Monthly:

Clause 8: A bill shall be submitted by the contractor each month on or before the date fixed by the Architect/ Consultant for all work executed in the previous month, and Architect/ Consultant shall take or cause to be taken the requisite measurement for the purpose of having the same verified and the claim, as for as admissible, adjusted, if possible, before expiry of ten days from the presentation of the bill, if the contractor does not submit the bill within the time fixed as aforesaid the Architect/ Consultant may depute a subordinate to measure up the said work in presence of the contractor whose counter signature to the measurement list will be sufficient warrant, and the Architect/ Consultant may prepare bill from such list which shall be binding on the contractor in all respects.

Bills to be on Printed Forms :

Clause 9: The contractor shall submit all bills on printed forms to be had on application at the office of the SPMPS and the charges in the bills shall always be entered at the rates specified in the tender or in the case of any extra work ordered in pursuance of these conditions, and not mentioned or provided for in the tender at the rates here in after provided for such work.

The deduction or addition as the case may be of the percentage will be calculated on the amount of the bill for the work done, after deducting the cost of materials supplied departmentally at the rates specified in the agreement.

Receipts to be signed by Partners or Persons Having Authority to do so:

Clause 10: Receipts for payments made on account of a work when executed by a firm must also be signed by the several partners, except where the contractors are described in their tender as a firm, in which case the receipt must be signed in the name of firm by one of the partners, or by some other person having authority to give effectual receipt for the firm.

Clause 11(A)

Normally no store material will be issued by SPMPS. However, in exceptional circumstances cement and steel of various dia is likely to be issued a site of work if received from donors. In such case eventuality the cost of the material so issued shall be deducted @ dealers price list of nearest dealer of the respective material as applicable on the date of issue. The tender percentage (Plus or Minus) shall be applied after deducting the cost of material so issued. The cost of material so supplied shall be recovered for full quantity irrespective of its utility in full or in part. However initial recovery shall be made as per theoretical consumption of the material, thereafter cost will be recovered in full. No material shall be taken back by SPMPS.

Advances to Contractors: Clause 11 (B): Advances to contractor are as a rule prohibited, and every endeavor should be made to maintain a system, under which no payments are made except for work, actually done. Exceptions are, however, permitted in the following cases.

Cases in which a contractor, whose contract is for finished work, requires an advance on the security of materials brought to sites Architect/ Consultant may in such cases, sanction advances upto an amount not exceeding 75% of the value but 90% in the case of steel (as assessed by the Architect) provided that the rate allowed in no case is more than the rate payable for the finished item as stipulated in the contract of such materials, provided that they are of imperishable nature and that a formal agreement is drawn up with the contractor under which SPMPS secures a lien on the materials and is safeguarded against losses due to the contractor postponing the execution of the work or to the shortage or misuse of the materials, and against the expense entitled for their proper watch and safe custody.

Payment of such advances should be made only on the certificate of Architect/ Consultant that the quantities of materials upon which the advances are made have actually brought to site, that the contractor has not previously received any advance on that security and that all the materials are required by the contractor for use on items of work for which rates for finished work have been agreed upon. Recoveries of advance so made should not be postponed until the whole of the work entrusted to the contractor is completed. They should be made from his bills, for work done as the materials are used, the necessary deduction being made whenever the item of work in which they are used are billed for.

Before granting the above-secured advance the contractor shall sign, the prescribed indenture Bond in the prescribed form.

Clause 11 (C) Escalation :- No escalation shall be paid. However a net difference in the price (Plus or Minus) of Cement and Steel shall only be reimbursed to the contractor or recovered as

the case way be. For this purpose date of issue of the work order shall be the base date of the base price. The difference shall be calculated on the basis of the increase or decrease in the prices as per price list of Authorised Dealer of the Company nearest to Mandsaur and shall be limited to the actual consumption or theoretical consumption which ever is less.

Work to be executed in Accordance with specification, Drawings in order

Clause 12: The contractor shall execute the whole and every part of the work in the most substantial and workmen like manner, and both as regards materials and otherwise in every respect in strict accordance with the specifications. The contractor shall also conform exactly fully and faithfully to the designs, drawings and instructions in writing relating to the work signed by the Architect/ Consultant and lodged in his office and to which the contractor shall be entitled to have access at such office or on the site of the work for the purpose of inspection during office hours and the contractor shall, if he so requires, be entitled at his own expense to take or cause to be made copies of the specifications and of all such designs, drawings and instruction as aforesaid.

Maharashtra P.W.D. Specification shall apply along with the various I.S.I. Code in the any variance; the following order of precedence shall prevail.

- (1) Specifications as per N.I.T.
- (2) Specifications as per S.O.R. of the Deptt.
- (3) I.S.I. Code / I.C.C. Specification
- (4) C.P.W.D. Specification
- (5) Mode of measurement for building shall be as provided in the S.O.R. applicable to the contract. Where such mode of measurement is not specified in the S.C.R. it shall be done as per I.S.I. Code of building measurement. However, if any mode of measurement is specifically mentioned in the N.I.T. the same will get precedence over all the above.

Additions, Alternations in specifications and designs :

Clause 13: The Architect/ Consultant shall have power to make any alterations in omissions from additions to or substitution for, the original specifications, drawings, designs and instructions, that may appear to him to be necessary or advisable during the progress of the work and the contractor shall be bound to carry out the work in accordance with any instruction which may be given to him in writing signed by the Architect/ Consultant and such alterations omissions additions or substitutions shall not invalidate the contract and any altered additional or substituted work which the contractor may be direct 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 agreed to do the main work and at the same rates as are specified in the tender for the main work, provided the total value of such increased or altered or substituted work does not exceed 25% of the amount put to tender, inclusive of contractors percentage. If such values exceed 25% it shall be open to the contractor either to determine the contract or apply for extension.

Extension of time in Consequence of Alterations :

The time for the completion of the work shall be extended in the proportion that the altered additional or substituted work bear to the original contractor's work and certificate of the Architect/ Consultant shall be produced before Secretary SPMPs Mandsaur for taking decision.

Rates for works Not in Schedule of Rate :

And if the altered additional or substituted work includes any class of work, for which no rate is specified in this contract then such classes of work shall be carried out at the rates entered in the applicable schedule of rates which was in force on the date of tender provided that when the tender for the original work as a percentage below or above the schedule of rate, the altered additional or substituted work required as aforesaid shall be chargeable at the said schedule of rate minus/plus the same percentage deduction addition and if such class of work is not entered in and arrange to carry it out in such manner as may be considered advisable provided always and if the contractor shall commence work or incur any expenditure in regard there to before the rates shall have been determined as lastly herein before mentioned that and in such case he shall only be entitled to be paid in respect of the work carried out on expenditure incurred by him prior to the date of the determination of the rates as aforesaid according to such rate or rates as shall be fixed by the Architect/ Consultant in the event of dispute the decision of Secretary SPMPs shall be final.

If during the course of execution where it is found necessary that certain item/items of work not provided for in the S.O.R., required to be carried out then the Architect/ Consultant shall identify such item/items including approximate quantity of the contract and ask the contractor to submit his rates in writing supported by the requisite data with in a period of 7 days. The Architect/ Consultant shall obtain approval/modification of the proposed rate from the competent authority and communicate the same within a period or 4 weeks to the contractor. In case the contract agrees to the above rates as fixed by the competent authority then they shall form a part of the supplementary schedule of the contract agreement. If the contractor does not agree to the rate of the competent authority then it shall be open for the Architect/ Consultant

to get the work executed through any other agency. The contractor will not however be entitled to any compensation due to delay or hindrance or loss or profit accruing on account of this extra work be executed by alternative agency.

If the contractor commences non-schedule work or incur expenditure in regard there to before the rates shall have been determined by the competent authority, then he shall be entitled for payment for the work done as may be finally decided by the competent authority. In the event of dispute the decision of the SPMPS shall be final.

No Claim to Any Payment or Compensation for Alteration in or Restriction of Works:

Clause 14: If at any time after the execution of the contract document. The Architect/ Consultant shall, for any reason whatsoever require the whole or any part of the work as specified in the tender to be stopped for any period or shall not require the whole or part of the work to be carried out at all or to be carried out by the contractor, he shall give notice in writing of the fact to the contractor who shall there upon suspend or stop the work totally, or partially as the case may be.

In any such case except as provided here under the contractor shall have no claim to any payment or compensation whatsoever on account of any profit or advantage which he might have derived from the execution of the work in full but which he did not so derive in consequence of the full amount of the work not having been carried out, or on account of any loss that he may be put to on account of materials purchased or agreed to be purchased or for compensation by reason of any alterations having been made in the original specifications, drawings, designs and instructions, which may involve any curtailment of the work as originally contemplated. Where, however material have already been purchased or agreed to purchase by the contractor shall be paid for such materials at the rates determined by the Architect. Provided they are not in excess of requirement and are of approved quality and/or shall be compensated for the loss if any, that he may be put to, in respect of materials agreed to be purchased by him, the amount of such compensation to be determined by the Architect whose decision shall be final. If the contractor suffers any loss on account of his having to pay labour charges during the period during which the stoppage of work has been ordered under this clause, the contractor shall on application be entitled to such compensation on account of labour charges as the Architect whose decision shall be final, may considered reasonable. Provided that the contractor shall, not be entitled to any compensation on account of labour charges, if, in the opinion in the Architect/ Consultant the labour could have been employed by the Contractor else where for the whole or part of the period, during which the stoppage of the work has been ordered as aforesaid.

Time Limit for Unforeseen Claims:

Clause 15 : Under no circumstances whatever shall the contractor be entitled to any compensation from, SPMPS on any account unless the contractor shall have submitted a claim in writing to the Architect within one month of the cause of such claim occurring.

Action and Compensation payable in case of Bad Work:

Clause 16: If at any time before the security deposit is refunded to the contractor, it shall appear to the Architect/ Consultant or his subordinate in charge of the work, that any work has been executed with unsound, imperfect or unskillful workmanship or with materials of inferior quality or that any materials or articles provided by him for the execution of the work are unsound, or of a quality inferior to that contracted for or are otherwise not in accordance with the contract, it shall be lawful for the Architect/ Consultant to intimate this fact in writing to the contractor and then notwithstanding the fact that the work, materials or articles complained of may have been inadvertently by passed certified and paid for the contractor shall be bound forthwith to rectify or remove and reconstruct the work so specified in whole or in part as the case may require of if so required, shall remove the materials or articles so specified and provide other proper and suitable materials or articles at his own proper charge and cost, and in the event of his failing to do so within a period to be specified by the Architect/ Consultant in the written intimation aforesaid, the contractor shall be liable to pay compensation at the rate of one percent. On the amount of contract put to tender every day not exceeding ten days, during which the failure so continues and in the case of any such failure the Architect may rectify or remove and re-execute the work or remove and replace the materials or articles complained of as the case may be at the risk and expense in all respect of the contractor. Should the Architect/ Consultant consider that any such inferior work or material as described above may be accepted or made use of it shall be within his discretion to accept the same at such reduced rates as may fix therefore.

Work to be Open for Inspection Contractor or Responsible Agent to be Present:

Clause 17: All work under or in course of execution or executed in pursuance of the contract shall at all time be open to the inspection and supervision of the Architect/ Consultant and his subordinates and the contractor shall at all times during the usual working hours and at all other times at which reasonable notice of the intention of the Architect/ Consultant or his subordinate to visit the work shall have been given to the contractor, either himself be present

to receive orders and instructions or have a responsible agent shall be considered to have the same force if they had been given to the contractor himself.

Notice to be given before work is covered up:

Clause 18: The contractor shall give not less than five days notice in writing to the Architect/ Consultant his subordinate in charge of the work before covering up or otherwise placing beyond the reach of measurement any work in order that the same may be measured, and correct dimensions thereof be taken before the same is so covered up or placed beyond the reach of measurement, any work without the consent in writing of the Architect/ Consultant or his subordinate in-charge of the work and if any work shall be covered up or placed beyond the reach of measurement without such notice having been given or consent obtained the same shall be uncovered at the contractors expenses or in default thereof, no payment or allowance shall be made for such work or the materials with which the same was executed.

Contractor Liable for Damage Done and for Imperfections for Twelve Months after Certificate:

Clause 19: If the contractor or his work people or servants shall break, deface, injure or destroy and part of building in which they may be working or any building, road, curbs, fences, enclosures, water pipes, cables, drains, electric or telephone posts or wires, trees grass or grass land or cultivated ground continuous to the premises on which the work or any part of it is being executed, or if any damage shall happen to the work, while in progress, from any causes whatever, or any imperfections become apparent in it within twelve months after a certificate final or otherwise or its completion shall have been given by the Architect/ Consultant as aforesaid the contractor shall make good the same at his own expense or in default, the Architect/ Consultant may cause the same to be made good by other workman and deduct the expenses (of which certificate of the Architect/ Consultant shall be final from any sums that may be then or at any time there after may become due to the contractor or from his security deposits, or the proceeds of sale there of or of a sufficient portion thereof.

The contractor hereby also covenants that it shall be his responsibility to see that the buildings constructed under this contract do/does not leak during the period of two consecutive rainy seasons after its (their) completion and if any defects are pointed out to him by the Architect/ Consultant during the said period, the same shall be removed by him at his own expense or in default the Architect/ Consultant may get them removed and deduct the expenses thereof from any sum that maybe then due to may become due to the contractor or from the security deposits of the contractor, on amount equal to 20% cost of the roof shall notwithstanding anything contained in this clause be retained, till the roofs are tested during to consecutive rainy seasons as aforesaid and the defects are fully removed and if any amount still remains due to this account after making deduction as aforesaid the same may be recovered form him

as an arrears of land revenue cash security. The security deposit performance security of the contractor to the extent of 50% shall be refunded on his getting the completion certificate, provided that all the recoveries outstanding against him are realized 25% of the amount shall be refunded on maintenance period being over even if the final bill is not passed, balance 25% shall be refunded after the final bill is passed.

Contractor to Supply of Plant, Ladders, Scaffolding Etc.

Clause 20: The contractor shall supply at his own cost materials (except such/special materials if any as may in accordance with the contract be supplied from the SPMPS Stores) plant, tools, appliances, implements, ladders, cordage tackle scaffolding and temporary works, requisite of the proper execution of the work, whether original altered or substitute, and whether including in the specification or other documents forming part of the contract, referred to in these conditions or not or which may be necessary for the purpose of satisfying or complying with the requirement of the Architect/ Consultant as to any matter as to which under these conditions he is entitled to be satisfied or which he is entitled to require together with carriage therefore to and from the work. The contractor shall also supply without charge requisite number of persons with the means and materials necessary for the purpose of setting out works and counting, weighting and assisting in the measurement or examination at any time and from time to time of the work, or materials. Failing his so doing the same may be provided by the Architect/ Consultant at the expense of the contractor and the expenses may be deducted from the money due to the contractor under the contract under the contract, or from his security deposit or the proceeds of sale thereof, or of a sufficient portion thereof.

Contractor is liable for damages arising from non-provision of lights fencing etc. The contractor shall also provide at his own cost except when the contract specifically provide otherwise and except for the payments due under clause all necessary fencing and lights require to protect, the public from accident and shall be bound to bear the expenses of defense of every suit, action or other proceeding at law that may be brought by any person for injury sustained owing to neglect of the above precautions and to pay any damage and costs which may be awarded in any such suit, action or proceedings to any such person or which may with the consent of contractor be paid to compromise any claim by any such person.

Compensation under Section 12 Sub-Section (1) of the workman's Compensation Act, 1923 :

Clause 21: In every case in which by virtue of the provisions of section 12, Subsection (1) of the workman's compensation Act, 1923 Corporation is obliged to pay compensation to a workman employed by the contractor in execution of the work, SPMPS will recover from the contractor the amount of compensation so paid and without prejudice to the rights of SPMPS under section (1) subsection (2) of the said Act, Corporation shall be at liberty to recover the amount or any sum due by SPMPS to the contractor whether under this contract or otherwise

SPMPS may not be bound to contest any claim made against them under section 12 subsection (1) of the said Act except on the written requisite of the contractor and upon his giving to SPMPS full security for all cases for which SPMPS might become liable in consequence contesting such claim.

Labour:

Clause 22: The contractor should get himself registered under contract - labour regulations and abolition Act, 1970 including its amendments after getting a certificate from the principal employer.

Clause 23: Labour below the age of 18 years - No labour below the age of 18 years shall be employed on the work.

Fair Wages:

Clause 24: The contractor shall pay not less than fair wage to labours engaged by him on the work:

Explanation:

- (a) "Fair Wage" means wage whether for time or piece work notified at the time of inviting tenders for the work and where such wages have not been so notified, the wages prescribed by the work Department for the division in which the work is done.
- (b) The Contractor shall notwithstanding the provisions of any contract to the contrary cause to be paid a fair, wage to labourers indirectly engaged on the work including any labour engaged by his subcontractor in connection with the said works, as if the laborers had been immediately employed by him.
- (c) In respect of labour directly or indirectly employed on the work for the performance of the contractor's part of this agreement the contractor shall comply with or cause to be complied with the labour Act in-force.
- (d) The Architect shall have the right to deduct, from the moneys due to the contractor, any sum required or estimated to be required for making good the loss suffered by a worker or workers by reasons of non-fulfillment to the conditions of the contract, for the benefit of the workers, non payment of wages or deductions made from his or their wages, which are not justified by the terms of the contract or non-observance of the regulations.
- (e) The contractor shall be primarily liable for all payments to be made under and for the observance of the regulations aforesaid without prejudice to his right to claim indemnity from his subcontractors.
- (f) The regulations aforesaid shall be deemed to be a part of this contract and any breach there of shall be deemed to be a breach of this contract.

Work not to be sublet:

Clause 25: The contractor may be rescinded and security deposit forfeited, for subletting bribing or if contractor become insolvent.

The contractor shall not be assigned or sublet without the written approval of the Secretary SPMPs. And if the contractor shall assign or sublet his contract, or attempt, so to do, or become insolvent commence any insolvency proceedings or make any composition with his creditors, or attempt so to do, or if any bribe, gratuity, gift, loan, perquisite, reward of advantage pecuniary or otherwise, shall either directly or indirectly be given, promised or offered by the contractor, or any of his servants or agents to any public officer or person in the employ of SPMPs way any relating to his office or employment, or if any such officer or person shall become in any way directly or indirectly interested in the contract, the SPMPs may there up on by notice in writing rescind the contract and the S.D. of contractor shall there upon stand forfeited and be absolutely at the disposal of SPMPs and same consequences shall ensure as if the contract had been rescinded under clause 3 hereof, and in addition the contractor shall not be entitled to recover or be paid for any work there to for actually performed under the contract.

If the contractor gets item/items of work executed on tasks rate basis with or without materials this shall not amount to subletting of the contract.

Sum Payable By Way Of Compensation to Be Considered As Reasonable Compensation with out Reference to Actual Loss:

Clause 26: All sums payable by way of compensation under any of these conditions shall be considered as reasonable compensation to be applied to the SPMPs without reference to the actual loss or damage sustained and whether or not any damage shall have been sustained.

Changes in the Constitution of Firm:

Clause 27: In the case of a tender by partners, any change in the constitution of the firm shall be forthwith notified by the contractor to the Architect for his information.

Work to be under the Direction of Architect/ Consultant/SPMPs :

Clause 28: All works to be executed under the contract shall be executed under the direction and subject to the approval in all respect of the Architect/ Consultant of Project/SPMPs the time being who shall be entitled to direct at what point or points and in what manner they are to be commenced and from time to time carried on.

Arbitration Clause:

Clause 29: Except as otherwise provided in this contract all question and dispute relating to the meaning of the specifications, designs, drawings and instruction herein before mentioned and as to thing whatsoever, in any way arising out of or relating to the contract, designs, drawings, specifications, estimates, concerning the work, or the execution or failure to execute the same, whether arising during the Progress of the work or after the completion or abandonment thereof shall be referred to the Architect/ Consultant in writing his decision, within a period of 30 days of such occurrence. There upon the Architect/ Consultant shall give his written instructions and/or decision within a period of 60 days of such request. This period can be extended by mutual consent of the parties.

If the parties are aggrieved against the decision of the Architect, Consultant the parties may within 30 days prefer an appeal to the SPMPs who shall afford an opportunity to the parties of being heard and to offer evidence in support of his appeal. The SPMPs will give his decision within 90 days, which shall be final and binding on both parties. The act arbitration and conciliation 1996 will be applicable for subsequent proceeding if any.

Lump Sums in Estimate :

Clause 30: When the estimate on which a tender is made includes lump sums in respect of parts of the work, the contractor shall be entitled to payment in respect of the items of work involved or the part of the work in question at the same rates as are payable under this contract for such items, or if the part of the work in question is not in the opinion of the Architect/ Consultant capable of measurement. The Architect may at his discretion pay the lump sum amount entered in the estimates and the certificate in writing of the Architect/ Consultant shall be final and conclusive against the contractor, with regard to any sum or sums payable to him under the provisions of this clause.

Action where no Specification:

Clause 31: In the case of any class of work for which there is no such specification as in mentioned in Rule, such work shall be carried out in accordance with the specification approved by Architect/ Consultant for application to works in the district and in the event of there being no such specification then in such case the work shall be carried out in all respects in accordance with the instructions and requirement of Architect/Consultant, SPMPs.

Contractor's Percentage Whether Applied to Net or Gross Amount of Bills:

Clause 32: The percentage referred to at para 7 of the tender will be deducted from/added to the gross amount of the bills for work done after deduction of the cost of materials supplied by the Department.

Claim for Quantities Entered in the Tender or Estimate:

Clause 33: Quantities shown in the tender are approximate and no claim shall be entertained for quantities of work executed being either more or less than those entered in the tender or estimates.

Claim for Compensation for Delay in Starting the Work:

Clause 34: No compensation shall be allowed for any delay caused in the Starting of the work on account of acquisition of land, or in the case of clearance works, on account of any delay in according sanction to estimates.

Employment of Scarcity Labour:

Clause 35: If Government declare a state of scarcity of famine to exist in any village situated within 16 km. of the work the contractor, shall employ upon such parts the work, as are suitable for unskilled labour, any person certified to him by the Architect/ Consultant to be in need of relief and shall be Construction Committee may have fixed in this behalf. The Architect/ Consultant whose decision shall be final and binding on the contractor shall decide any dispute, which may arise in connection with the implementation of this clause.

Refund of Quarry Fees and Royalties:

Clause 36: All quarry fees, royalties, octroi duties and ground rent for stacking materials, if any will be paid by the contractor. No claim of refund of royalty quarry fees octroi etc. shall be entertained by SPMPs.

Technical Examination:

Clause 37: The SPMPs shall have the right to cause audit and technical examination of the works and the final bills of the contractor including all supporting vouchers abstracts etc. to be made as per payment of the final bill and if as a result of such Audit and Technical Examination the 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 over payment and it shall be lawful for the SPMPs to recover the same from the Security deposit of the contractor or from any dues payable to the contractor. If it is found that the contractor was paid lesser 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 the SPMPs to the contractor.

In the case of any audit examination and recovery consequent on the same the contractor shall be given an opportunity to explain his case and the decision of the Architect/ Consultant shall be final.

In the case of Technical Audit, consequent on which there is a recovery from the contractor, no recovery should be made without orders of the Architect/ Consultant. Whose decision shall be final, all action under this clause should be initiated and intimated to the contractor within a period of twelve month from the date of completion.

Death or Permanent Invalidity of Contractor:

Clause 38: If the contractor is an individual or a proprietary concern, partnership concern, dies during the currency of contractor becomes permanently incapacitate, where the surviving partners are only minors, the contract shall be closed without having any damages/compensation as provided for in clause 3 of the contract agreement.

However if the competent authority is satisfied about the competence of the survivors, then 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.

Penalty for Breach of Contract:

Clause 39: On the breach of any term or conditions of this contract by the contractor the said SPMPs shall be entitled to forfeit the security deposit or the balance thereof that may at that time be remaining, and realize and retain the same as damages and compensation for the said breach, but without prejudice to the right of the SPMPs to recover any further sum as damages, from any sums due or which may become due to the contractor by SPMPs or otherwise howsoever.

Jurisdiction of Civil Court :

Clause 40: Only the appropriate civil court of Mandsaur shall have the Jurisdiction regarding this Agreement.

Notice to the Contractor to start work :

Your contract for the work of Constriction of shops for Pujan samagri etc. , Entrance gate, Clock room, Donation counter, Drinking water, handwash, shoe stand and urinals (without flooring) Including Electrification Work in the campus in of Shri Pashupathi Nath Temple Area at Mandasaur. has been accepted by SPMPS Mandasaur on the day of 200 and you are hereby ordered to commence the work.

Secretary
SPMPS, Mandasaur

The notice to the contractor(s) to start work from the date of 2010 was issued vide this office memorandum no. date 2010.

Secretary
SPMPS, Mandasaur

Special Conditions of Contract:

1. No Mobilization for Plants & Machinery advance given.
2. The tenderer of/supplier should have a place of business in the State of MP from where the goods would be supplied to various destinations in the State and also should hold a registration Certificate under the M.P. Vanijayak Kar Adhiniyam.
3. The tenderer/supplier shall also submit the Clearance Certificate as provided under section 36 of the MP Vanijayak Kar Adhiniyam/Income Tax Clearance Certificate.
4. **Works program and Methodology of construction** - Contractor shall furnish his program of construction for execution of the work within due stipulated time schedule together with methodology of construction of each type of work and obtain approval of the Architect and Consultant of Project, prior to execution/commencement of work.
5. **Revised program of work in case of slippage** - In case of slippage from the approved work at any stage, the contractor shall furnish revised program to make up the slippage within the stipulated time schedule and obtain approval of Architect and Consultant of Project to the revised program.
6. All statutory approvals and sanctions from Electrical inspectors and MPEB for Permanent connection etc are to be obtained by the Contractor at no extra cost.
7. All statutory approvals for Permanent Water, drainage and other services are to be obtained by contractor at no extra cost.
8. All charges for temporary Water & Electrical connection and Consumption charges required to execute the total work are to be borne by contractor at no extra cost.
9. The contractor shall be responsible for the performance and maintenance of the work carried out by him for a period of 1 (One) years. For this security deposit shall be retained as per provision made in the agreement clause 19. The contractor shall have to carry out all necessary repairs within seven days of receipt of such communication from the Architect/ Consultant failing, which repair will be carried out by the SPMPs at contractor's risk and cost and cost will be recovered from the amount available with SPMPs. This maintenance covers the structural defects, leakages, seepages and defects occurring due to defective use of materials or improper workmanship. This does not cover the maintenance of nature which is occurring due to normal wear and tear on use for which finished work is meant, and decision of SPMPs, in respect of this is final and binding on contractor.
10. If the contractor fails to complete the work in scheduled time or extended period as prescribed in the NIT or abandons the work after execution of agreement, he shall be debarred from participating in any tender SPMPs for a period of 2 years from the date of termination of the contract, a part from the action as stipulated in the agreement.

11. Shri Nitin Shrimali is the Architect and Shri Umesh Pendharkar is the Consultant appointed by SPMPS for project. The work will be executed on the design and drawings prepared by Consultants/Consultant Architect and Consultant shall also be periodically supervising the work and the contractor(s) shall make available to the consultant full access to the site of work and the site testing laboratory and Contractor and their representative will have to be present during such inspections. All views and opinion given by the Architect/Consultant shall be followed in full.
12. The Contractor(s) will have to keep on site complete survey instruments like Theodolite / Auto Level, and other office accessories along with technical personal to operate those instruments to facilitated and obtain the information required as instructed by Architect/Consultant.
13. The Contractor(s) will have to establish a complete material testing lab, as instructed as site with calibration of instruments done as required in codes.
14. The schedule of quantities annexed with the tender, generally represents the work. However SPMPS reserve the right to completely omit any item, add any item and the variance in the quantity of different items can be any extent. No claim of contractor(s) will be entertained on this account.
15. Contractor has to appoint sufficient number of technical staff i/c senior experience Engineer, supervisor & technically trained staff as per the instruction and approval of Architect/consultant.
16. For water supply, sanitary, surface water drain, canalizations of canal/trenches, roads, pathway and other outer development and other outer development and landscape elements; the contractor shall submit, as director, detailed drawings based on the schematic drawing given by SPMPS / Consultant showing the line, levels and other required details as per actual site conditions to consultant for approval.
17. The drawings of certain items as specified by consultant shall serve as G.A. drawings for general layout. The contractor shall prepare and submit for approval, detailed shop / fabrication / setting out drawings of items & works with all levels taken by Total Station / Theodlite / Auto Level of existing and proposed work and other details not detailed in the GAD drawings, for proper coordination and all changes required as per the site condition. It shall be the contractor's responsibility to see that all deviations if any from GAD drawings and specifications, noted on the drawings are brought to the attention of the consultant, otherwise approval shall be automatically voided. No extra cost shall be paid for preparing these shop / setting out drawings.

Technical

Specification for Constriction of shops for Pujan samagri etc. , Entrance gate, Clock room, Donation counter, Drinking water, handwash, shoe stand and urinals (without flooring) Work including Internal Electrification Work in Campus of Shri Pashupatinath Temple area Mandsaur.

1. All materials shall conform to the relevant Indian Standard Specification prevailing on the date of issue of notice inviting tender. All materials before use in works shall require approval of the Consultant, who will get them tested sampled as per relevant IS code 15:5454:1978 at contractors cost and samples so approved be kept in the office of the SPMPS till finalization of the work. The water shall be clean and free from any deleterious material. It shall meet the requirements stipulated in IS 456-2000.
2. Only I.S.I. marked cement of relevant I.S. specifications shall be allowed to be used in the work subject to the following tests. It should not be from mini plant. The arrangement for necessary equipment and testing shall have to be made by the contractor himself at site, to be decided by the Engineer-in-Charge. All expenses shall be borne by the contractor. Any lot of cement brought to site by the contractor, would be permitted to be used in the work only after the satisfactory results of the tests, under the supervision of the Consultant or his authorised representative. The record of the tests result shall be maintained in the register referred in subsequent para.
 - a. Test for initial & final setting time as per IS:3536 – 1996 1 Test for 10 tonnes or part thereof upto 10 Tonnes.
 - b. Test for determination of compressive strength of cement as per IS:3536-1996 1 Test for 50 tonnes or part thereof upto 10 Tonnes.
- 2.1 A duplicate register as per format here shall be maintained at site of work. Extract certified copies of the entries for each month shall be submitted to the Consultant & SPMPS by the contractor. The original register shall also be submitted to the SPMPS on completion of the work by the Contractor.

S.	Date of receipt of cement	No. of bags	Name and address of firm, from whom purchased	Signature of contractor or his authorised representative	Signature of authorised representative of Engineer-in-charge	Result of test for initial and final setting time.	Result of test for compressive strength of cement	Remarks
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- 2.2 When the strength of concrete required is upto M-20, then O.P.C. confirming to I.S. 269-1989 or P.P.C. confirming to I.S. : 1498-1976 may be used.
- 2.3 When the strength of concrete required is more than M-20 but upto M-30 then O.P.C. confirming to IS : 8112 - 1989 shall be used.
- 2.4 Nominal mix would be adopted for cement concrete M-7.5, M-10, M-15 and M-20, Design mix shall have to be adopted for concrete of higher strengths.
3. As regard to steel reinforcement :
- a) Mild steel and medium tensile steel bars shall confirm to IS : 432 (Part-I)
 - b) Hot rolled deformed bars shall confirm to IS : 1139
 - c) Cold Twisted bars shall confirm to IS : 1786
 - d) Hard drawn steel wire fabric shall confirm to IS : 1566 and
 - e) Rolled steel made from structural steel shall confirm to IS : 226
- 3.1 All reinforcement shall be free from loose mill scales, loose rust and coats of paints, oil, mud or other coatings which may destroy or reduce bond.
- 3.2 Only such steel as is obtained from main producers of steel e.g. SAIL, IISOO, TISCO or such steel rolling mills as are having licence from the B.I.S. to manufacture such steel for reinforcements, shall be allowed to be used in the work.
- 3.3 The contractor shall have to produce Test Certificate in the proforma prescribed approved by B.I.S. from the manufacturer for every batch of steel brought to site of work.
- 3.4 Before commencement of use of steel, from any batch brought to site of work by the contractor, the Consultant shall arrange to get samples tested for nominal mass, tensile strength, bend test and rebend test from any Laboratory of his choice at the cost of Contractor. The selection of test specimens and frequency shall be as per relevant I.S. specification & of steel used.

4. Notwithstanding anything to the contrary, aggregates to be used for all cement concrete items shall be crushed in the mechanical crushers. All concrete shall have to be mixed in power driven mixers having hoppers and capacity of mixing concrete mix of atleast one bag of cement.
5. When cement is used for mortar/volumetric mix etc. batch of one bag mix cement or its multiples shall be mixed and the measurement of box for metal, sand to be of 35 liters or multiples of it (convenient box size 40 x 35 x 25 cm.). For design mix concrete batching shall be done by weight.
6. Only good quality of Steel or Plywood shuttering plates shall be allowed to be used. In any case wooden shuttering shall not be allowed.
7. The rates also include the element of testing of samples of various materials brought by the contractor for use on the work, as well as other necessary tests for items of work as stipulated in the specifications. Frequency of such tests to be carried out must not be less than the prescribed frequencies. Copies of registers, containing records of tests shall have to be presented along with running account bills. Register (original) shall have to be submitted along with the final bill. Tests shall have to be conducted by the contractor's Engineer under the supervision of the Engineer-in-Charge or his authorised representatives. The contractor shall have to establish a field laboratory at the site work.
 - 7.1 The work should not be accepted in any case, if the contractor fails to observe the instructions of the Consultant or his representative, regarding testing of materials.
 - 7.2 Payment will be released only when all tests as per prescribed frequencies are carried out by contractor and test results produced.
 - 7.3 If tests are not conducted to the prescribed frequency, the Consultant should reject that part of the work.
8. If any item of work is found not upto the prescribed standard but the Consultant is of the opinion that the same is structurally adequate and can be accepted at a reduced rate, then in such cases, the Consultant shall have to submit proposals for appropriate reduction of rates supported by an analysis, in justification thereof, through a D.O. letter to the SPMPS concerned to obtain his approval expeditiously (ordinarily within 15 days). The approved analysis along with orders of the SPMPS shall have to be appended to the bills of the contractor.
9. Rubble available from excavation of hard rock shall be the property of the contractor subject to recovery of Rs. 150 per cum. of the quantity of the rock excavated.

10. The contractor shall have to provide a ruled duplicate register at site named "Site order book". It shall be in the custody of SPMPs supervisory staff. The Consultant or his authorised representative may record his instructions in this book, which shall be noted by the Contractor or his authorised representative for compliance.

SCHEDULE OF ITEMS

CONSTRUCTION OF SHOPS FOR PUJAN SAMAGRI ETC. , ENTRANCE GATE, CLOCK ROOM, DONATION COUNTER, DRINKING WATER, HANDWASH, SHOE STAND AND URINALS (WITHOUT FLOORING) WORK INCLUDING INTERNAL ELECTRIFICATION WORK IN CAMPUS OF SHRI PASHUPATINATH TAMPLE AREA MANDSOUR

(Excluding Flooring ,Woodwork,Cladding, Aluminium & Water proofing Works)

Chapter No. /Page No. /Item No. OF S.O.R.	Description	Unit	Rate
1	2	3	4
1/1/1.2	Transportation of other different material (Rate as % of metal)		
	lead upto 3km.		
1.2.1	Flag stone/cut stone	Cum	96.60
1.2.2	Masonry stones	Cum	120.75
1.2.5	Excavated/compactd ordinary & other soil measured as per dause 301.8, 304.4 and 305.8	Cum	82.80
2/4/2.5	Earth work in surface excavation not exceeding 30 cm in depth but exceeding 1.5 m in width as well as 10 sqm on plan including disposal of excavated earth upto 50 m and lift upto 1.5 m, disposed soil to be levelled and neatly dressed:		
2.5.1	All kinds of soil	sqm	22.00
2/4/2.6	Earth worki in excavation by mechanical means (Hydraulic excavator) / manual means in over areas foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan) including dressing of sides and ramming of bottoms, lift upto 1.5 m, including		
2.6.1	All kind of soil.	Cum	107.00
2/4/2.7	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means over areas (exceeding 30 cm in depth. 1.5 m in width as well as 10 sqm on plan) including disposal of excavated earth, lead upto 50 m and lift upto 1.5 m, disposed earth to		
2.7.1	Ordinary rock	Cum	171.00
2/7/2.24	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foudations etc. in layers not exceeding 20 cm in depth, consolidating each deposited layer by ramming and watering, lead up to	Cum	49.00

	50m and lift upto 1.5 m.		
2/7/2.26	Supplying and filling in plinth with crusher stone dust / coarse sand under floors including, watering, ramming consolidating in layers not exceeding 20 cm in depth in layers not exceeding 20 cm in depth and dressing complete.	Cum	530.00
2/8/2.30	Deduct for disposed soil not levelled and neatly dressed for all excavation item above	Cum	15.00
4/15/4.1	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level :		
4.1.2	With 20 mm nominal size graded stone aggregate.		
4.1.2.2	M 10	Cum	2833.00
5/21/5.9	Centering and shuttering including strutting, propping etc. and removal of form for :		
5.9.1	Foundations, footings, bases of columns, etc. for mass concrete up to plinth level.	Sqm	127.00
5.9.2	Walls (any thickness) including attached pilasters buttresses, plinth beams and string courses etc. up to plinth level.	Sqm	193.00
5.9.3	Suspended floors, roofs, landings balconies and access platform. Shelves (Cast in situ) Lintels, beams, beams, girders, bressumers and cantilevers, Columns, Pillars, Posts and Struts Walls in super structure.	Sqm	199.00
5.9.6	Extra for arches, domes, vaults exceeding 6 m span	Sqm	260.00
5/21/5.10	Extra for additional height in centering, shuttering where ever required with adequate bracing, propping etc. including cost of deshuttering and decentering at all levels, over a height of 4 m, for every additional height of 1 metre or part thereof (Plan		
5.10.1	Suspended floors, roofs, landing, beams and balconies	Sqm	113.00
5/22/5.16	Reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding including cost of binding wire up to floor two level including all wastage etc. complete.		
5.16.3	Cold twisted bars (CTD)	Kg	42.00
5/22/5.17	Add extra for providing reinforcement above floor two level for every additional floor or part thereof.	Kg	0.42
5/22/5.18	Providing and fixing in position copper plate as per design for expansion joints.	Kg	354.00
5/22/5.21	Providing and fixing in position 25mm thick bitumen	Sqm	351.00

	impregnated fibre board conforming to IS : 1838 including cost of primer, sealing compound in expansion joints.		
5/23/5.22	Providing and fixing sheet covering over expansion joints with iron screws as per design to match the colour / shade of wall treatment.		
5.22.2.2	200 mm wide.	Metre	430.00
5/23/5.23	Providing for plaster drip course / groove in plastered surface of moulding to R.C.C. projections	Metre	12.50
5/23/5.26	Providing and laying in position machine batched, machine mixed and machine vibrated design mix cement concrete of specified grade for reinforced cement concrete work including all lift of concrete to site of laying but excluding the cost of centering, sh	Cum	4360.00
5/23/5.28	Add for providing richer mixes respectively at all floor levels.		
5.28.2	Providing M-30 grade concrete by using 420 kg of cement per Cu. of concrete instead of M-20 grade B.M.C. / R.M.C.	Cum	60.00
5/24/5.29	Add or deduct for using more / less cement respectively than the quantity as provided in the item of batch mix concrete / RMC as arrived as permix design.	Qintal	575.00
5/24/5.30	Extra for RCC work above floor II level for each floor or part there off.	Cum	1% OF Respective item
6/27/6.2	Brick with well burnt chimney bricks in bulls patent trench kiln manufactured by ghot process, cruching strength not less than 25kg / sqcm and water absorption not more than 20% in foundation and plinth		
6.2.1	Cement mortar 1:4 (1 cement : 4 sand)	Cum	2355.00
6.2.2	Cement mortar 1:6 (1 cement : 6 sand)	Cum	2190.00
6/27/6.5	Extra for brick work in superstructure above floor II level for each additional floor or part thereof		
	FOR FIRST FLOOR	Cum	1% OF Respective item
	FOR SECOND FLOOR	Cum	2% OF Respective item
6/28/6.13	Extra for providing and placing in position 2 Nos. 8 mm dia. M.S. bars at every third course of half brickmasonry (with M.S. bricks).	Sqm	48.00
9/41/9.1	Providing wood work in frames of doors, windowS,		

	clerestory windows and other frames, wrought framed and fixed in position :		
9.1.1	Second class teakwood	Sqm	59629.00
9/41-42/ 9.6	Providing and fixing 35mm thick factory made laminated veneer lumber door shutter conforming to IS 14616 and TADS 15:2001 (Part B) including ISI marked black enameled M.S. butt hinges with necessary screws as per directions of Engineer-in-charge and panell		
9.6.2	12mm thick pre-laminated particle board (decorative lamination on both side) grade-1, medium density flat pressed, three layer particle board FPT-I or graded wood particle board FPT-I, conforming to IS:3087 bonded with BWP type synthetic resin adhesive as	Sqm	2214.00
9/43/9.9	Providing and fixing glazed shutters for doors, windows and clerestory windows using 4mm thick float glass panes including black enamelled ISI marked M.S. butt hinges with necessary screws.		
9.9.1	Second class teakwood		
9.9.1.1	35mm thick	Sqm	2486.00
9/58/9.117	Providing and fixing factory made PVC door frame made of PVC extruded section having an overall dimension as below (tolerance ± 1 mm) with wall thickness 2.0mm ± 0.2 mm, corners of the door frame to be mitred and welded of plastic galvanized brackets and sta		
9.117.2	Extruded section profile size 50x42mm	Metre	153.00
9/58-59/ 9.118	Providing and fixing to existing doorframes.		
9.118.2	30mm thick factory made Polyvinyl Choride (PVC) door shutters made of styles and rails of a PVC hollow section of size 60x30mm and wall thickness 2mm ± 0.2 mm with inbuilt edging on both sides. The styles and rails mitred and joined at the corners by means	Sqm	2391.00
10/71/10.6	Supplying and fixing rolling shutters of approved make, made of required size M.S. laths interlockedd together through their entire length and jointed together at the end by end locks mounted on specially designed pipe shaft with brackets, side guides and		
10.6.2	80x1.20mm M.S. laths with 1.20 mm thick top cover	sqm	1066.00

10/71/10.7	Providing and fixing ball bearing for rolling shutters.	each	554.00
10/73/10.18	Providing and fixing circular/Hexagonal cast iron or M.S. sheet box for ceiling fan clamp of internal dia 140mm, 73mm height, toplid 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.	each	122.00
10/74/10.23	Steel work welded in built up section / framed work including cutting hosting, fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required hosting , fixing in position and applying a primer coat of approved		
10.23.1	in stringers , treads, landings etc. of stair cases including uses of chequered plate wherever required,all complete.	kg	52.70
13/99/13.1	12mm cement plaster of mix :		
13.1.1	1:4 (1 cement : 4 sand)	sqm	90.00
13/99/13.2	15 mm cement plaster on rough side of single or half brick wall of mix :		
13.2.1	1:4 (1 cement : 4 sand)	sqm	106.00
13/99/13.8	6 mm cement plaster of mix : CM 1:3 (1 cement : 3 sand)	sqm	69.00
13/100/13.13	Extra for providing and mixing water proofing material in cement plaster work in proportion recommended by the manufacturers for each bag of 50 kg cement used in the mix.	each beg	45.00
13/100/13.16	Extra for plastering done on moulding comices or architraves including neat finish to line and level.		
13.16.2	in two coats	sqm	180.00
13/100/13.17	Extra for plastering		
13.17.2	Groined ceiling	sqm	32.00
13/100/13.18	Providing and applying plaster of paris putty of 2 mm thickness over plastered surface to prepare the surface even and smooth complete	sqm	59.00
13/101/13.32	Applying one coat of cement primer of approved brand and manufacture on wall surface :		
13.32.1	Cementprimer.	sqm	19.00
13/102/13.33	Finishing walls with water proofing paint of required shade :		
13.33.1	New work (Two or more coats @3.84 kg/10 sqm).	sqm	31.00
13/102/13.34	Finishing walls with textured exterior paint of required shade :		
13.34.1	New work (Two or more coats applied @3.28 ltr/10 sqm) over and including base coat of water proofing	sqm	105.00

	cementpaint applied @2.20kg/10 sqm.		
15/114 /15.1	Demolishing lime concrete manually/ by mechanical means and disposal of material within 50 metres lead as per direction of Engineer-in-charge.	Cum	139.00
15/114 /15.2	Demolishing cement concrete manual/ by mechanical means		
15.2.2	1:4:8 or leaner mix	Cum	245.00
15/114 /15.3	Demolishing R.C.C. work manually/ by mechanical means including stacking of steel bars and disposal of unserviceable material within 50 metres lead as per direction of Engineer-in-charge.	Cum	580.00
15/114/ 15.5	Extra for cutting reinforcement bars manually/ by machnical means in R.C.C. or R.B. work (Payment shall be made on the cross sectional area of R.C.C. or R.B. work) as per direction of Engineer-in-charge.	Sqm	188.00
15/114/ 15.7	Demolishing brick work manually/ by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50 metres lead as per direction of Engineer-in-charge.		
15.7.3	In lime mortar	Cum	139.00
15.7.4	In cement mortar	Cum	335.00
15/114/ 15.9	Demolishing stone rubble masonry manually/ by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50 metres lead as per direction of Engineer-in-charge.		
15.9.1	In lime mortar	Cum	189.00
15.9.2	In cement mortar	Cum	400.00
15/116 15.25	Dismantling stone slab flooring laid in cement mortar including stacking of serviceable material and disposal of unserviceable material within 50 metres lead	Sqm	44.00
15/119 15.50	Demolishing C.C. / R.C.C. work by mechanical means and stockpiling at designated locations and disposal of dismantled materials up to a lead of 1000m, stacking serviceable and unserviceable material separately including cutting reinforcement bars.	Cum	760.00
22/186/ 22.1	Providing and laying integral cement based treatment for water proofing on horizontal surface at all depth below ground level for under ground structures as directed by Engineer-in-charge and consisting of : i) Ist layer of 22 mm to 25 mm thick approved a		

22.1.1	Using rough kota stone	sqm	663.00
22/186/ 22.2	Providing and laying integral cement based treatment for water proofing on the vertical surface by fixing specified stone slab 22 mm to 25 mm thick with cement slurry mixed with water proofing compound conforming to IS : 2645 in recommended proportions wi		
22.2.1	Using rough Kota stone	sqm	786.00
22/187/ 22.7	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 deaning the surface before treatmen.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 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 sand) admixed with water proofing compound conforming to IS : 2645 and approved by Enginner-in-charge to required slope and treating similarly the adjoining walls upto 300mm 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 with water proofing compound conforming to IS : 2645 and approved by Engineer-in-charge. d) Finishing the surface with 20 mm thick jointless cement mortar of mix 1:4 (1 Cement : 4 sand) admixed with water proofing compound conforming to IS : 2645 and approved by Engineer-in-charge including laying glass fibre cloth type II grade - I tissue reinforced 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 Engineer-in-charge : (with five years service gurantee).		
22.7.1	With average thickness of 150mm and minimum thickness at khurra as 75 mm.	sqm	744.00

* The SOR appended is not claimed to be the substitute of the Original SOR's. Kindly see the original SOR also for correctness and in case of any doubt.

**Schedule of item / for providing E/F to Constriction of shops for Pujan samagri etc. ,
Entrance gate, Clock room, Donation counter, Drinking water, hand wash, shoe stand and
urinals (without flooring) OF SHRI PASHUPATINATH TEMPLE Mandsaur (M.P.)**

Amount of Contract Rs.

Type of Writing Concealed rigid steel conduct

S.No. SOR Item MDN No.	Description of Item	Rate	Unit	Qty.	Amount
<u>2.1</u> <u>P.2</u>	WIRING IN CONCEALED RIGID STEEL CONDUT SYSTEM WITH COPPER CONDUCTOR. point wiring (excluding metallic switch box & sheet but including switches, sockets, lamp holders / ceiling roses etc)with 1.5 Sq mm. PVC insulated cable FR with copper multi strand conductor ISI marked in concealed rigid steel conduit ISI marked of suitable size and 1.5 sq. mm. PVC insulated copper earth continuity conductor of green colour inside conduit including painting etc as required as per specification for:				
<u>2.1</u> <u>P-2</u>	Light Point! Fan Point (a) Short point (b) Medium point (c) Long point	306=00 522=00 770=00	Each Each Each		
<u>2.2</u> <u>P-2</u>	3 pin 6 Amp socket outlet on separate Boad (a) Short point (b) Medium point (C) Long point	377=00 594=00 844=00	Each Each Each		
<u>2.3</u> <u>P-2</u>	Call Bell / Buzzer Points (a) Short point (b) Medium point (c) Long point	313=00 531=00 781=00	Each Each Each		
<u>2.4</u> <u>P-2</u>	Twin Control light points (a) Short point (b) Medium point (c) Long point	343=00 606=00 884=00	Each Each Each		
<u>2.5</u> <u>P-2</u>	Point wiring (excluding metallic switch box & sheet but including switches, sockets) for 3 pin 6 Amp. Socket outlet point with 1.5 Sq. mm. PVC insulated cable FR with coper multi strand conductor ISI marked in concealed rigid steel conduit ISI marked of suitable size and 1.5 sq. mm. PVC insulated copper earth continuity				

		conductor of green colour inside conduit with required materials as per specification on same board.	219=00	Each
2.6	P-2	Wiring for circuit wiring with PVC insulated cable FR with copper multi strand conductor ISI marked in concealed rigid steel conduit of ISI marked suitable size including painting etc. as required as per specification.		
		(a) 2X2.5 Sq. mm.	102	Metre
		(b) 4X2.5 Sq. mm.	142	Metre
		(c) 6X2.5 Sq. mm.	174	Metre
		(d) 8X2.5 Sq. mm.	205	Metre
6.1	P.6	POWER WIRING IN SURFACE RIGID STEEL SYSTEM WITH COPPER CONDUCTOR. Point wiring (excluding metallic switch box & sheet) for 3 Pin 16 Amp. Socket Outlet Point with 4 Sq. mm. PVC insulated cable FR with copper multi strand conductor ISI marked in surface rigid steel conduit ISI marked of suitable size including painting etc. with 16 Amp. switch & socket! S.S.combined 16 Amp. of ISI marked and 4 Sq. mm. PVC insulated copper earth continuity conductor of green colour inside conduit as per specification for :-		
		On Separate Board		
		(A) Short point	313.00	Each
		(B) Medium Point	669.00	Each
		(C) Long Point	1076.00	Each
		(D) Extra Long	1685.00	Each
		(E) Extra Long - II	2290.00	Each
		(F) Extra Long - III	2895.00	Each
6.2/P.6		Same board socket 16 Amp.	95.00	Each
7.1/P.6		POWER WIRING IN CONCEALED RIGID STEEL CONDUIT SYSTEM WITH COPPER CONDUCTOR POINT WIRING (excluding metallic switch box & sheet) for 3 Pin 16 Amp. Socket Outlet Point with 4 Sq. mm. PVC insulated cable FR with copper multi strand conductor ISI marked in Concealed rigid steel conduit ISI marked of suitable size including painting etc. with 16 Amp. switch & socket/S.S. combined 16 Amp. of ISI marked and 4 Sq. mm. PVC insulated copper earth continuity conductor of green colour inside conduit as per specification for :-		
		On Separate Board		
		(A) Short point	586.00	Each
		(B) Medium Point	927.00	Each
		(C) Long Point	1334.00	Each

	(D) Extra Long -	1955.00	Each
	(E) Extra Long - II	2558.00	Each
	(F) Extra Long- III	3161.00	Each
7.2/P-6	Same board socket 16 Amp.	299.00	Each
10.1/P.8	POWER WRING IN SURFACE RIGID PVC Cassing & Capping SYSTEM WITH COPPER CONDUCTOR. Point wiring (excluding metallic switch box & sheet) for 3 Pin 16 Amp. Socket Outlet Point with 4 Sq. mm. PVC insulated cable		
	4 Sq. mm. PVC insulated copper earth continuity conductor of green colour inside capping as per specification for :-		
	On Separate Board		
	(A) Short point	263.00	Each
	(B) Medium Point	516.00	Each
	(C) Long Point	886.00	Each
	(D) Extra Long -	1315.00	Each
	(E) Extra Long - II	1786.00	Each
	(F) Extra Long - III	2258.00	Each
10.2	Same board socket 16 Amp.	95.00	Each
13/P-9	Supplying and fixing rigid steel conduit ISI marked alongwith the accessories in concealed system including cutting the wall and plastering & repainting the wall with matching colour to bring in its original condition as required		
13.1	H.G. Conduit 20mm. wall thickness-1.6mn	58.00	meter
13.2	H .G. Conduit 25mm. wall thickness-1 .6mm	68.00	meter
13.3	H.G. Conduit 32mm. wall thickehess-1 .6mm	96.00	meter
14/-10	Supplying and fixing id steel conduit 1St marked alongwith the accessories on surface including painting etc. as required		
14.1	H. G. Conuit 20mm, wall thickness- I .6 mm	51.00	meter
14.2	H. G. Conuit 25mm, wall thickness- 1.6 mm	61.00	meter
14.3	H. G. Conuit 32mm, wall thickness- 1.6 mm	89.00	meter
15/P-10	Supplying and fixing PVC conduit ISI marked along with the accessories on surface including painting etc. as reuiqred.		
15.1	PVC Conduct 20 mm (mms)	22.00	meter
15.2	PVC Conduct 25 mm (mms)	29.00	meter
15.3	PVC Conduct 32 mm (mms)	40.00	meter

16/P-10	Supplying and fixing PVC conduit ISI marked alongwith the accessories in concealed sytem including painting etc as required.			
16.1	PVC Conduit 20 mm (HMS)	29.00	meter	
16.2	PVC Conduit 25 mm (HMS)	35.00	meter	
16.3	PVC Conduit 32 mm (HMS)	50.00	meter	
17.1/P-11	Supplying and fixing factory fabricated hot dip galvanised switch box for normal flush type accessories of minimum 1.2 mm (18 swg gauge) thicknes with earth terminal stud with nut and washer, with 3 mm thick synthetic phenollic resin bonded laminated sheet conforming to grade P-I of IS : 2036-1974 on surf ace/ concealed including painting etc as			
17.1.1	MS Box 100 mmx 100 mmx60mm deep	56.00	Each	
17.1.2	MS Box 200 mm x 150 mm x 60mm deep	100.00	Each	
17.1.3	MS Box 180 mm x 100 mm x 60mm deep	83.00	Each	
17.1.4	MS Box 125 mm x 300 mm x 60mm deep	147.00	Each	
17.1.5	MS Box 200 mm x 250 mm x 60mm deep	187.00	Each	
17.1.6	MS Box 250 mm x 300 mm x 60mm deep	258.00	Each	
17.1.7	MS Box 300 mm x 380 mm x 60mm deep	367.00	Each	
17.2/P-11	Supplying and fixing of approved make modular type metal box with modular frame! base plate and cover plate including fixing in concealed/surface excluding swith, socket etc. as required for			
17.2.1	1 Or 2 Module	53.00	Each	
17.2.2	3 Module	65.00	Each	
17.2.3	4 Module .	74.00	Each	
17.2.4	6 Module ...:	112.00	Each	
17.2.5	8 Module	149.00	Each	
17.2.6	12 Module	180.00	Each	
17.2.7	16 Module	196.00	Each	
17.2.8	18 Module	221.00	Each	
17.3/P-11	Supplying and fixing of approved make modular type P.V.C. box with modular base and cover plate including fixing on surface excluding switch, socket etc as required for			
17.3.1	1 OR 2 Module	57.00	Each	
17.3.2	3 Module	67.00	Each	

17.3.2	4 Module .	74.00	Each
17.3.3	6 Module	107.00	Each
17.3.3	8 Module	135.00	Each
17.3.4	12 Module	167.00	Each
17.3.4	16 Module	179.00	Each
18/P-12	Supplying and drawing single core PVC insulated cable FR with copper multi Strand conductor ISI marked in existing rigit conduit in surface or concealed as per specification.		
18.1	1.5 Sq mm cable		
18.1.1	1 X 1.5 sq. mm.	14.00	metre
18.1.2	2X1.5sq. mm.	24.00	metre
18.1.3	3X1.5sq. mm.	34.00	metre
18.1.4	4X1.5sq. mm.	44.00	metre
18.2/P-12	<u>2.5 Sq. mm. cable</u>		
18.2.2	2X2.5Sq. mm.	35.00	metre
18.2.4	4X2.5Sq. mm.	67.00	metre
18.2.6	6 X 2.5 Sq. mm.	99.00	metre
18.2.8	8 X 2.5 Sq. mm.	130.00	metre
18.2.10	10X2.5Sq. mm.	162.00	metre
18.3/P-12	<u>4.00 Sci.mm. cable</u>		
18.3.2	2X4Sq. mm.	52.00	metre
18.3.4	4X4Sq. mm.	99.00	metre
18.4/P-12	<u>6.00 Sq.mm. cable</u>		
18.4.2	2X6 Sq. mm.	77.00	metre
18.4.4	4X6Sq. mm.	151.00	metre
19/P-13	Wiring for sub -mains with PVC insulated cable FR with copper multi strand conductor SI marked in surface rigid steel ISI marked conduit of suitable size(conduit included) including connection painting etc, as required as per specification		
19.1	<u>2 Wire sub main</u>		
19.1.2	4.0 sq. mm. cable in 20 mm conduit	103.00	metre
19.1.3	6.00 sq. mm cable in 25 mm counduit	138.00	metre
19.1.4	10.00 sq. mm. cable in 25 mm counduit	163.00	metre
19.4/P-13	<u>4 Wire sub main</u>		
	4.00 Sq. mm. in 25 mm counduit	161.00	metre
	6.00 Sq. mm. in 20 mm counduit	212.00	metre
	10.00 Sq. mm in 25 mm counduit	261.00	metre

20/P-14	Wiring for sub - mains with PVC insulated cable FR with copper multi strand conductor ISI marked in recessed concealed rigid steel ISI marked conduit of suitable size(Conduit included) including connection painting etc. as required as per specification.			
20/P-14	<u>2 Wire Sub - main</u>			
	-			
20.1.2	4.00 sq. mm. cable in 20 mm conduit	109.00	metre	
20.1.3	6.00 sq. mm. cable in 25 mm conduit	145.00	metre	
20.1.4	10.0 sq. mm. cable in 25 mm conduit	169.00	metre	
20.4.1/P-14	<u>4 Wire sub mains</u>			
20.4.2	4.00 Sq. mm. cable in 20 mm conduit	167.00	metre	
20.4.3	6.00 Sq. mm cable in 25 mm conduit	219.00	metre	
20.4.4	10.00 Sq. mm. cable in 25 mm conduit	267.00	metre	
22.1/P-17	Supplying of ISI marked switch fuse unit (rewirable type) triple pole with neutral link, 415 Volt having conduit / cable gland entry with two earthing terminals confirming to IS 13947 (Part I & III)			
22.1.1	16 Amp	977.00	Each	
22.1.2	32 Amp	1356.00	Each	
22.1.3	63Amp	2841.00	Each	
22.1.4	100 Amps	5293.00	Each	
22.2/P-17	Supplying of ISI marked iron clad / metal clad triple pole and neutral switch fuse unit with two earthing terminals & without			
	HRC fuses -			
22.2.1	16 Amp 415/500 Volts	892.00	Each	
22.2.2	32 Amp 415/500 Volts	1246.00	Each	
22.2.3	63 Amp 415/500 Volts	2666.00	Each	
22.2.4	100 Amp 415/500 Volts	4979.00	Each	
23/P-21	Supplying of metal clad ISI Marked busbar chamber made of heavy gauge iron sheet complete with copperstrip and busbar Supports as perspecification confirming to IS-4064			
23.1	32 Amp 440/500 Volts 4 way	528.00	Each	
23.2	60/63 Amp 440/500 Volts 4 way	1032.00	Each	
23.3	100 Amp 440/500 Volts 4 way	1536.00	Each	

24.3/P-22	Supplying of ISI marked and accepted standard of Miniature circuit Breaker (MCB) of 'C' series suitable for 240 / 415 volts, 50 cycle, 10 KA value AC supply confirming to IS : 8828 1996, IEC : 60898 2002 but without enclosures :-		
24.3.1	Single Pole (SP)		
24.3.1.2	6 Amp to 32 Amp rating	126.00	Each
24.3.3	Double pole		
24.3.3.2	6 Amp to 32 Amp rating	424.00	Each
24.4/P-23	Supplying of MCB Isolators suitable for 240/415 Volts, 50 Hz AC supply with KA value rating 10 KA of approved make confirming to IS: 13947- Part III: 1993 & IEC : 60947-3:2001 (without enclosures)		
24.4.2	Double Pole		
24.4.2.1	40mm	249.00	Each
24.4.2.2	63mm	314.00	Each
24.4.4	Four pole		
24.4.4.1	40Amp	533.00	Each
24.4.4.2	63Amp	573.00	Each
24.4.4.3	80Amp	748.00	Each
24.4.4.4	100 Amp	748.00	Each
24.5/P-23	Supply of approved make powder coated sheet steel encloser SPN MCB DB inclusive of Busbar, Neutral bar, earth bar & two earth terminals etc complete as per IS 13032 (exclusive of MCB & isolator) -		
24.5.1	2 Way single door	150.00	Each
24.5.2	4 way single door	364.00	Each
24.5.3	4 way double door	628.00	Each
24.5.4	6 way double door	738.00	Each
24.5.5	8 way double door	847.00	Each
24.5.6	12 way double door	1091.00	Each
24.5.7	16 way double door	1356.00	Each
24.6/P-23	Supplying of approved make TPN MCB DB Metal Double Door with provision for FP <i>MCBI</i> Isolator / RCCB/RCBO as in corner and SP MCBs as outgoing inclusive of Bushbar, Neutral bar, Earth bar & two earth terminals etc. complete as per IS 13032 (exclusive of MCB & isolator)		

24.6.1	4way (4+12)	1704.00	Each	
24.6.2	6way(4+18)	2158.00	Each	
24.6.3	8 way (4+24)	2492.00	Each	
24.6.4	4way(8+12)	1794.00	Each	
24.6.5	6 way (8+18)	2218.00	Each	
24.6.6	8 way (8+24)	2641.00	Each	
24.6.7	12 way (8+36)	3573.00	Each	
24.7/P-23	Supplying of approved make vertical TPN MCB DB metal double door with provision for FP CB / Isolator / RCCB / RCBQ as incomer and SP/TP MCBs as outgoing inclusive of Busbar, Neutral bar, Earth bar & two earth terminals etc. complete as per IS: 13032 (exclusive of MCB & isolator)			
24.7.1	4 way (8+12)	5057.00	Each	
24.7.2	6 way (8+24)	6404.00	Each	
24.7.3	12 way (8+36)	8573.00	Each	
24.8/P-24	Supplying of approved make, powder coated Vertical TPN MCB DB Metal Double Door with MCCB IOOA TP 10 KA as incomer and space for SPITP MCBs as outgoing (without MCBs) inclusive of busbar & connections etc without MCB.			
24.8.1	4 way with MCCB	6499.00	Each	
24.8.2	8 way with MCCB	7212.00	Each	
24.8.3	12 way with MCCB	8248.00	Each	
24.9/P-24	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			
24.9.1	10 Amps	533.00	Each	
24.9.2	20 Amps	568.00	Each	
25.1/P-25	Fixing of metal clad enclosure on 25X5 mm flat iron clamps including supplying and fixing of clamps as required duly embedded in masonry including cable connection and other required material as per specification.			
25.1.1	16 Amp SPIDP Switch /SPN DB up to 4 way	50.00	Each	
25.1.2	32 Amp DP switch/SPN DB up to 8 way	51.00	Each	
25.1.3	32 Amp TP or TPN switch/32 Amps 415 V Isolator/16 Amps TPN DB up to 6 way per			

25.2.1/P-25	pole /32 Amps 415 Volt busbar 4 way	53.00	Each
	Fixing of 63 Amps TP or TPN main switch /DB 63 Amps. 240/415 Volt 4 to 8 way or 63 Amps change over switch /63 Amps 415 Volt Isolator/30 Amps 415 V TPN DB up to 6 way per pole and busbar 4 way	79.00	Each
25.2.2/P-25	Fixing of 100 Amps TP or TPN main switch or 100 Amps change over switch/1 00 Amps 415 Volt Isolators and busbar4 way	100.00	Each
25.4/P-25	Fixing of MCB / MCCB / isolator		
25.4.1	Fixing of MCB / isolator SP / DP in sheet steel enclosure as required as per accepted practice, including mounting on busbar and cable connection etc complete (Labour only)	2.00	Each
25.4.2	Fixing of MCB / MCCB isolator TP ITPN / FP in sheet steel enclosure as required as per accepted practice, including mounting on busbar and cable connecting etc complete	5	Each
25.5/P-25	Labour charges for fixing sheetsteel enclosure, MCB DB surface mounting type as per accepted practice on 25X5mm flat iron clamps duly embedded in wall, cable connection etc complete.		
25.5.1	24.5.1 to 24.5.4	50.00	Each
25.5.2	24.5.5 to 24.6.1 to 24.6.2	51.00	Each
25.5.3	24.6.3,24.6.4 & 24.7.1	53.00	Each
25.6/P-26	Labour charges for fixing sheet steel enclosures, MCB DB surface mounting type, as per accepted practice on 25X25X5 mm angle iron clamp, including supplying and fixing of clams duly embedded in wall, cable connection etc. complete		
25.6.1	24.5.6 & 24.5.7 ; 24.6.5 to 24.6.7 ;24.7.2 & 24.7.3 & 24.8.1 to 24.8.3	79.00	Each
25.7/P-26	Labour charges for fixing sheet steel enàlosures, MCB DB flush mounting types as per accepted practice, duly embedded and end plate completely flushed in wall, cable connection etc complete for S. No. :-		
25.7.1	24.5.1 to 24.5.5; 24.6.1 to 24.6.5 & 24.7.1	49.00	Each
25.7.2	24.5.6 & 24.5.7; 24.6.6 to 24.6.7 ; 24.6.7;	65.00	Each

	24.7.2 to 24.7.3 & 24.8.1 to 24.8.3			
26.1/P-27	Supplying and fixing as per specification Bakelite pendent Holder of approved make including flexible cord up to 3 meter length with necessary materials complete	21.00	Each	
26.2/P-27	Supplying and fixing as per specification Bakelite Batten Holder/Angle Holder of approved make with necessary materials complete	18.00	Each	
26.3/P-27	Supplying and fixing as per specification Bulk Head fitting of approved make suitable for 100 Watt lamp with necessary materials ordinary complete.	65.00	Each	
26.4/P-27	Supplying and fixing as per specification Call bell / buzzer of approved make with necessary materials complete.			
26.4.1	Buzzer	48.00	Each	
26.4.2	Ding dong bell	90.00	Each	
26.4.3	Musical bell	214.00	Each	
26.4.4	Remote / cordless bell	450.00	Each	
24.8/P-24	Supplying and fixing in position incandescent lamp of approved make as per IS specification.			
26.7.3	40 Watt 250 Volt	11.00	Each	
26.7.4	60 Watt 250 Volt	12.00	Each	
26.7.5	100 Watt 250 Volt	12.00	Each	
24.7.6	5 Watt 250 Volt night lamp	12.00	Each	
26.8/P-28	Supplying and fixing as per specification socket outlet of approved make & ISI marked with necessary material complete			
26.8.2	6 Amp 250 Volt / 3/5 pin Flush type	21.00	Each	
26.8.4	16 Amp 250 Volt 3/6 pin flush type	65.00	Each	
26.9/P-28	Supplying and fixing of approved make 3 pin plug top ISI marked			
26.9.1	6 Amp 250 Volt 3 Pin	47.00	Each	
26.9.2	16 Amp 250 Volt Pin	59.00	Each	
26.11/P-28	Supplying and fixing as per specification Caution / Danger board as required of approved make & deign with necessary material complete.			
26.11.1	Small Size	80.00	Each	
26.11.2	Large Size	160.00	Each	

26.13/P-28	supplying and fixing a per specification switch approve make ISI marked with necessary material complete			
26.13.3	6 Amps Flush type	13.00	Each	
26.13.4	16 Amps Flush type	37.00	Each	
26.18/P-29	Supplying, fixing and testing of flourescent tube, rod, ISI marked of approved make as required as per specification			
26.18.1	4'X40 Watt	45.00	Each	
26.18.3	2'X20 Watt	41.00	Each	
26.19/P-29	Supplying, fixing and testing of MV lamp ISI marked of approved make as required as per specification			
26.19.1	80 Watt	150.00	Each	
26.19.2	125 Watt	155.00	Each	
26.20/P-29	Supplying, fixing and testing of SV lamp SON-T (tublor clear type) ISI marked of approved make as required as per specification			
26.20.3	250 Watt	580.00	Each	
26.23/P-30	Supplying, fixing and testing of Compact Flourscent Lamp (CFL) with inbuilt electronic ballast ISI marked of approved make as required as per specification			
26.23.1	5 Watt	112.00	Each	
26.23.2	8 Watt	125.00	Each	
26.23.3	11 Watt	135.00	Each	
26.23.4	15 Watt	145.00	Each	
26.23.5	18 Watt	170.00	Each	
26.23.6	20 Watt	225.00	Each	
26.26/P-30	Supplying and drawing following pair, 0.5 Sq. mm. PVC Insulated copper conductor unarmoured telephone cable in existing surface / concealed, steel / PVC conduit as required.			
26.26.1	(i) 1 Pair	16.00	metre	
26.26.2	(ii) 2 Pair	19.00	metre	
26.26.3	(iii) 4 Pair	21.00	metre	
26.27/P-30	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 sheath in the existing surface / concealed, steel / PVC Conduit as required	23.00	metre	
26.28/P-30	Suppling and fixing of approved make Resistance type Fan regulator including connection etc as required on existing board	43.00	Each	
26.29/P-30	Suppling and fixing of approved make step type electronic Fan regulator including connection etc. as required on existing board.			
26.29.1	450 Watt	189.00	Each	
26.32/P-31	Supplying erection and testing of approved make electric ceilling 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 as required confirming to IS: 374/1979 with upto date ammendments.			
26.32.1	Ceilling Fan (Energy Saver 50 W) -1200 mm sweep	1440.00	Each	
26.32.2	Ceilling Fan (Energy saver 60W) - 1400 mm sweep	1535	Each	
26.35/P-31	Supplying, erection and testing of approved make Fresh Air Fan AC 230-250 volts with connection and including frame bolt / Anchor hole fasteners etc complete finished and as required.			
26.35.1	225 mm sweep	900.00	Each	
26.35.2	300 mm sweep	1100.00	Each	
26.36/P-31	Supplying, erecting and testing of aproved make Exhaust Fan heavy duty with mounting frame, blades AC 230-250 complete connection and including, frame bolt! Anchor hole fastners etc complete finished and as required.			
26.36.1	300 mm sweep 900 RPM	2481.00	Each	
26.36.2	380 mm sweep 900 RPM	2988.00	Each	
26.36.3	450 mm sweep 900 RPM -	3649.00	Each	
26.38/P-32	Supplying fixing and testing of approved make			

	fluorescent tube fittig, rust resistant stove enamelled paint, box type channel with cover, complete with electronic ballast (HF) complete duly wired (without tube rod) as per specification & fixing as below. and other necessary materials including connections etc and as required.			
26.38.1	(a) 1x36/40 watt			
36.38.1.1/P-32	(II) Fixing of wall/ceiling on wooden round block with 'J' hook! Anchor hole fasteners/hollow bow with rod fixed in ceiling and other necessasy materials including connections etc as required.	840.00	Each	
26.38.1.3/P-32	(III) Fixing by pendant arrangement with two pieces of approved metallic chain and other necessary materials such as wooden block with "J" hook Anchor hole fastner fixed in ceiling including connecton as required for length up to 1.5 Meter.	925.00	Each	
26.39/P-32	Supplying, fixing and testing of approved make fluorescent tube fitting, rust resistant, stove enamelled paint, CRCA sheet steel housing with white stove enamelled reflector complete with copper ballast complete duly wired (without tube rod) as per specification & fixing as below.			
26.39.1	1X36/40 Watt	490	Each	
<u>26.41.2</u> P-33	Fixing by stiff pendant arragement with two pieces of steel conduit 19/20mm dia 16 SWG and other necessary materials such as ball socket, T.W. Block with "J" hook! Anchor hole fastner fixed in Ceiling including connections and as required for length up to			
26.41.2.1	IX4OW	1905.00	Each	
26.41.2.2	2X36/40 W	2395.00	Each	

<u>26.43</u> P- 33	Supplying, fixing & testing of approved make recess mounting mirror optics luminaires for single/twin 36/40 watt flourescent lamp comprising of white powder coated CRCA sheet steel housing raw silk/navy brown! white colour M.S. low profile flat housing co			
26.43.1	1x 40 watt	1750.00	Each	
26.43.2	2x40 watt	2750.00	Each	
<u>26.44</u> P-33	Supplying, fixing & testing of approved make street/road light fitting complete with copper wound polyster choke, lamp holder, starter holder, starter duly wired, side entry with clear acrylic cover with fixing clamps (without tube rod) including fixing with 19mm dia G.I. pipe medium class of required lenght upto 2 meter for mounting on wall! existing pole, on existing "D" bracked including bending the pipe to required shape and connections including all materials as required.			
26.44.1	1 x 40 Watt	1120.00	Each	
<u>26.44.2</u>	2 x 40 Watt	1440.00	Each	
<u>26/47</u> P-34	Supplying, fixing & testing of approved make H.D. Sodium vapourfiting consisting of matallic cast aluminium alloy housing highly polished anodised aluminium reflector clear acrylic cover gasket and equipped with accessories such as ballast condensor ignit including all materials as required.			
26.47.3	250 Watt	3600.00	Each	
<u>26.54</u> P-36	Supplying fixing & testing of approved make of low watt recessed mounting luminaire made of CRCA sheet steel housing with false ceiling lips finished in stove enamelled white inside/outside fitted with high purity anodised aluminium mirror reflector and c recessed mounting arragement with necessary materials connection etc.			

	complete as required and suitable for single /twin 9 & 11 watt CFL(without lamp)			
26.51.1	2 nos. 11 watt CFL (295mmx595mm) aluminium mirror reflector	1165.00	Each	
26.54.3	2 nos. 36 watt CFL (295mmx595mm) aluminium mirror reflector	2270.00	Each	
<u>26.55</u> P-36	Supplying, fixing & testing of approved make of low watt surface/recessed mounting CFL down lighter luminaire with white powder coated aluminium cover with anodised aluminium reflector with necessary materials connection etc. complete as required and sui			
26.55.1	CFL 1X10/13/18 Watt	570.00	Each	
26.55.1	CFL 2x1 3/18 Watt	770.00	Each	
<u>26.56</u> P-36	Supplying, fixing & testing of approved make of low watt CFL roadway/street light luminaire with epoxy powder coated sheet aluminium/ steel housing with epoxy white powder coated CRCA sheet gear tray clear acrylic cover with necessary materials connection			
25.56.1	CFL 1x9/11 watt	900	Each	
26.56.2	CFL 1x13/18 watt	950.00	Each	
<u>26.56.3</u>	CFL 2x11 watt	1020.00	Each	
<u>26.56.4</u>	CFL 2x18 watt	1150.00	Each	
26.56.5	CFL 1X36watt	1150.00	Each	
<u>26.57</u> P-36	supplying fixing and testing of approved make of T-5 lamp channel luminaire with plastic extruded housing with in built electronic control gear with decorative end caps with			
-	necessary materials connection etc. complete as required(with lamp)			
26.57.1	T-5 Lamp 1x28 watt	620.00	Each	
26.58 P-36	supplying fixing & testing of approved make of T-5 lamp channel luminaire with epoxy white power coated CRCA sheet steel housing with reflector cover with necessary materials connection etc.complete as required(with lamp)	1000.00	Each	

26.58.1	T-5 Lamp 1x28 watt			
<u>26.59</u> P-36	supplying fixing & testing of Delux fresh air fan with louvers(ventilating fan) with self closing louvers of decorative PVC blades mounting square frame of approved maked complete with all necessary material as required			
26.59.1	150mm	945.00	Each	
<u>26.59.2</u>	200 mm	1000.00	Each	
26.59.3	250 mm	1085.00	Each	
<u>27.1</u> P-38	Fixing of Flourescent Tube fitting on wall/ceiling on wooden round block with anchor fastener/J hook & necessary material including connection with 3 core flexible			
	wire etc. complete as required.	46.00	Each	
<u>27.6</u> P-38	Supplying and fixing fan clamps of 16 mm dia steel bar as per specification complete			
27.6.1	For stone slab roof J Type hook	31.00	Each	
27.6.2	For RCC Slab/Beams	16.00	Each	
27.6.3	For existing old RCC Slab/Beams	50.00	Each	
<u>27.7</u> P-38	supplying and fixing fan clamps with hook on existing T.W. beam/trusses with required size flat iron etc. as per specification complete	42.00	Each	
<u>27.8</u> P-38	Eraction of ceiling fan in position with regulator on existing switch board including wiring testing etc. with necessary material complete as required	67.00	Each	
<u>27.9</u> P-38	Fixing of fan Regulator on existing switch board in position with necessary material connection etc. complete as required	12.00	Each	
27.11/P-38	supplying and fixing down rod of MS pipe for ceiling fan including threading, painting making holes etc. as required complete	77.00	Each	
27.12/P-38	Numbering of ceiling fans or fittings with approved paint including all labour material etc. complete as required			
27.12.1	Lettering up to 7 cm height	1.00	Each	

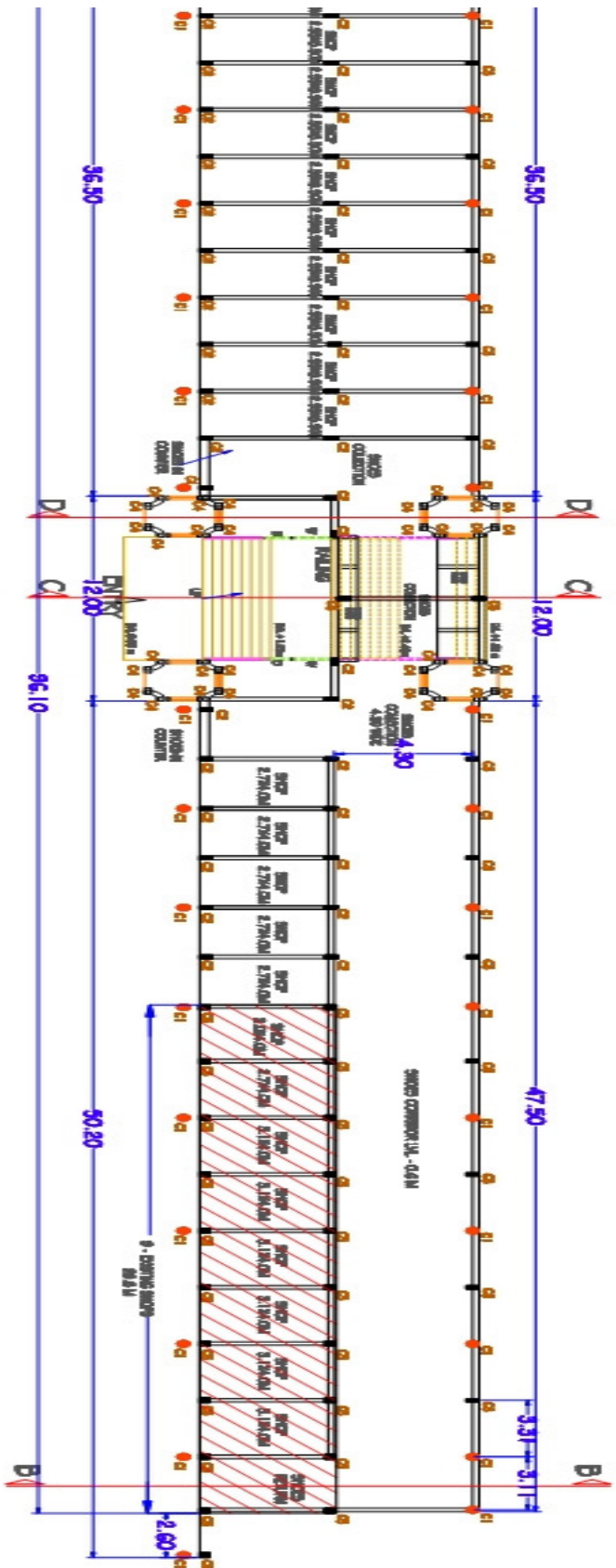
27.13/P-39	Providing and fixing pilot lamp over main distribution fuse boards/boxes with 16mm bracket with lamp holder paw shade controlling switch, including wiring and other necessary material as required			
27-14/P-39	Providing and fixing wooden board of suitable size (maximum 12'X18') for fixing of house service meter with necessary materials and connection testing etc. complete as per specification :			
	Single phase metre	88.00	Each	
	Three phase metre	101.00	Each	
30.1/P-42	Dismantalling of existing light/Fan/Bell/ socket out let point on separate board! wiring with insulated wire in casing/conduit batten complete with fitting and accessories	2.00	Each	
30.2/P-42	Making the site clear of the dismantalled installation by refilling the hole with cement mortar & finished with paint gitties and replacing to match the colour of wall and ceiling	4.00	Each	
30.3/P42	Dismetalling of existing socket outlet point on same board in any system of wiring	2.00	Each	
30.4/P-42	Dismetalling the existing armoured/ unarmoured cable or single core wires of submain main circuit in any system of wiring including recoiling	2.00	Meter	
30.6/P-42	Dismantalling of D.F. Board, D.P.Switch T.P. & T.P.N. or D.B. of any size complete with board or angle/flat iron frame and making site clear including the refilling hole & repainting to match colour of wall	4.00	Each	
30.8/P-42	Dismantalling the existing ceiling/exhaust cabin fan with complete accessories and making the site clear	6.00	Each	
30.10/P-42	Dismantalling of existing water tight flourescent tube fitting/M.V. Lamp fitting with making the site clear	5.00	Each	
30.13/P-42	Providing recess in brick wall suitable for erection of exhaust fan up to 450 sweep complete with grouting of nut bolts, plastering and colour wash to match the colour of wall			
30.13.1	For wall thickness up to 9"	114.00	Each	
30.13.2	For wall thickness up to 15"	163.00	Each	
30.13.3	For the stone wall thickness up to 5"	195.00	Each	

32.3/P-44	Earthing with Cooper Earth plate 600 mm x 600 mm x 3 mm thick including accessories and providing masonry encloser in cement mortor, 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.	6817	Each
32.5/P-44	Add extra for using salt and charcoal/coke for G.I.Plate or copper plate earth electrode as required including excavation & refilling	472.00	Each
32.6/P-44	Supplying and laying 8 SWG copperwire at 0.5 metre below ground level as conductor earth electrode including soldering etc as required Supplying and laying 6 SWG G.I. wire at 0.5 metre below ground level as conductor earth electrode including soldering etc as required	74	Each
33.1/P-48	supply of XLPE insulated power cable (conforming IS-7098) 1100 volt grade / Heavy	38.00	Each
	duty power cable conforming to IS 1554-1100 volts grade, 2 core/3. core/4 core		
33.1.2	ISI MARKED with Alu.StrandedIsolid conductor ARMOU RED 2 Core		
33.1.2.2	4 Sq.mm(Heavy Duty)	84	Metre
33.1.2.3	6 Sq.mm(XLPE)	95.00	Metre
33.1.2.4	10 Sq.mm(XLPE)	84.00	Metre
33.1.6	ARMOURED 3 /1/2.....Core	129.00	Metre
33.1.6.1.	25 Sq.mm.(XLPE)	232.00	Metre
33.1.6.2	35 Sq.mm.(XLPE)	273.00	Metre
33.1.6.3	50 Sq.mm(XLPE)	360.00	Metre
33.1.8/P-49	ARMOURED4 CORE		
33.1.8.1	6 Sq.mm(XLPE)	136.00	Metre
33.1.8.2	10 Sq.mm(XLPE)	146.00	Metre
33.1.8.3	16 Sq.mm(XLPE)	188.00	Metre
33.1.8.4	25 Sq.mm(XLPE)	245.00	Metre
33.6/P-52	Supplying and fixing heavy duty cable gland for PVC insulated armoured cable with brass washer, Rubber ring complete erected with cable and lead connection etc.as per specification complete.		
33.6.1.1	Gland size 22 mm suitable for cable 2,3,3.5 & 4 x upto6 Sqmm	29.00	Each

33.6.1.2	Gland size 22 mm suitable for cable 2,3,3.5 & 10 Sq.mm or 2 x 16 Sq.mm	34.00	Each		
33.10/P-54	supplying & installing G.I.Pipe for protection of underground cable fixed on wall/support/ in trench/fixe between two ngid 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 stiip/everhead service line/for submer cable or centrifugal pump for water supply with necessary iron clamp coupler, bend, te, elbow, nuts and bolts etc. complete in as approved manner as required to complete the job excluding cost of excavation/dismantalling & other finshed masonry item complete				
33.10.1	For B Class pipe ISI Marked (IS-1161-68)				
33.10.1.1	15mm	85.00	Each		
	20mm	112.00	Each		
	duty power cable conforming to IS 1554-1100 volts grade, 2 core/3. core/4 core				
33.1.2	ISI MARKED With Alu.Stranded/solid conductor ARMOURED 2 Core				
33.1.2.2	4 Sq.mm(Heavy Duty)	84	Metre		
33.1.2.3	6 Sq.mm(XLPE)	95.00	Metre		
33.1.2.4	10 Sq.mm(XLPE)	84.00	Metre		
33.1.2.4	ARMOURED 3 Core				
33.1.6.1	25 Sq.mm.(XLPE)	232.00	Metre		
33.1.6.2	35 Sq.mm.(XLPE).	273.00	Metre		
33.1.6.3	50 Sq.mm(XLPE)	360.00	Metre		
33.1.8/P-49	ARMQU RED 4 CORE				
33.1.8.1	6 Sq.mm(XLPE)	136.00	Metre		
33.1.8.2	10 Sq.mm(XLPE)	146.00	Metre		
33.1.8.3	16 Sq.mm(XLPE)	188.00	Metre		
33.1.8.4	25 Sq.mm(XLPE)	245.00	Metre		
33.6/P-52	Supplying and fixing ,heavy duty cable gland for PVC insulated armoured cable with brass washer, Rubber ring complete erected with cable and lead connection etc.as per specification complete.				
33.6.1.1	Gland size 22 mm suitable for cable 2,3,3.5 & 4 x upto6 Sq.mm	29.00	Each		
33.6.1.2	Gland size 22 mm suitable for cable 2,3,3.5 & IOSqmm or2 x16 Sq.mm	34	Each		

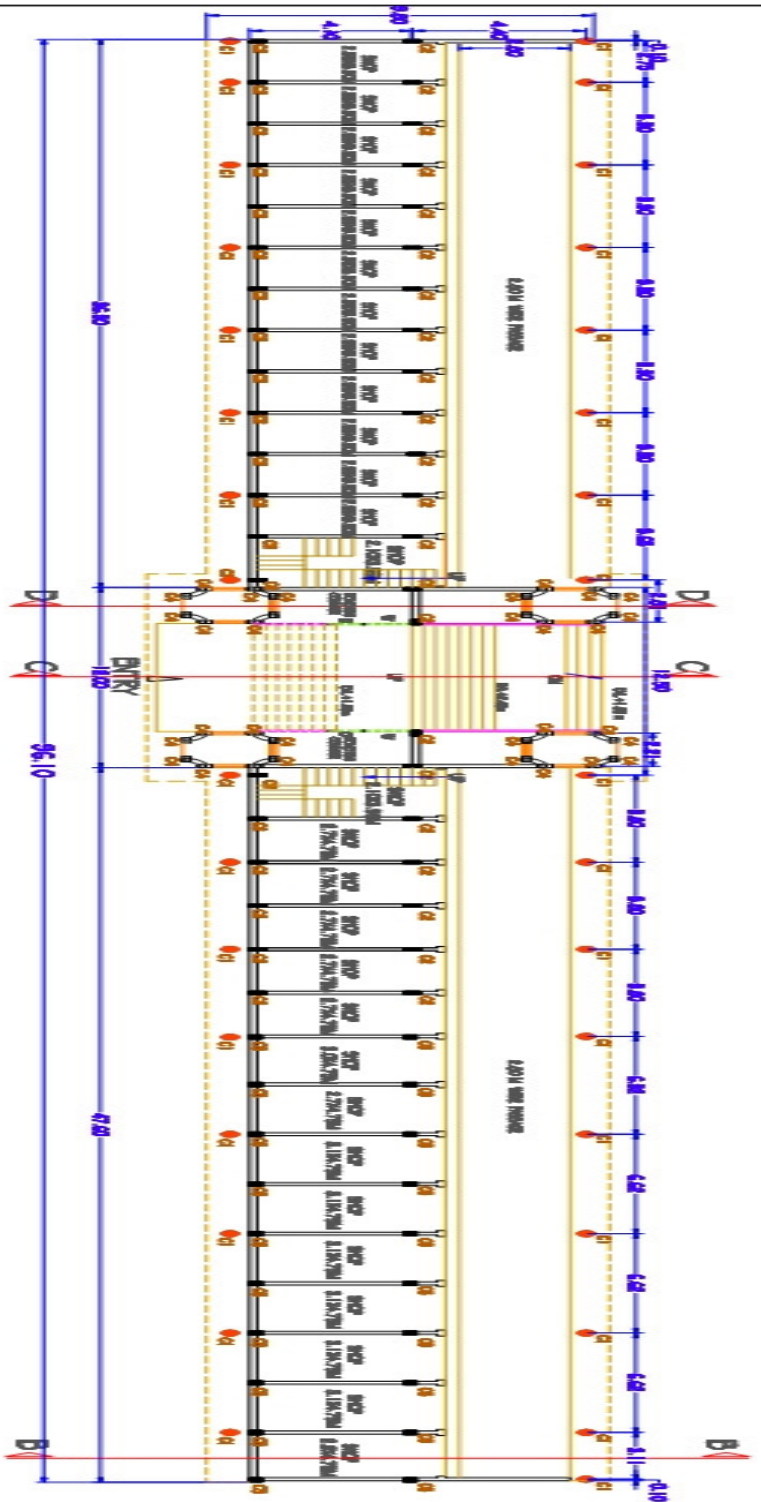
33.10/P-54	supplying & installing G.I.Pipe for protection of underground cable fixed on wall/support! in trench/fixid between two rigid existing support of wall/beam for erection of ceiling Fan/down rod for stiff pendent for light luminaries/fan/protective for earthing,			
	lightening conductor down strip/everhead service line/for submer cable or centrifugal pump for water supply with necessary iron clamp coupler, bend, te, elbow, nuts and bolts etc. complete in as approved manner as required to complete the job excluding cost of excavation/dismantalling & other finished masonry item complete			
33.10.1	For B Class pipe ISI Marked (IS-1161-68)			
33.10.1.1	15mm	85.00	Each	
33.10.1.2	20mm	112.00	Each	
			C/F....	
				B/F.....
33.10.13	25mm	156.00	Each	
33.10.14	32mm	199.00	Each	
33.10.15	40mm	233.00	Each	
33.10.16	50mm	299.00	Each	
33.10.2	For A Class G.I. pipe ISI Marked (IS-1161-69)			
33.10.2.1	32.00 mm	175.00	Each	
33.10.2.2	40.00 mm	223.00	Each	
33.10.2.3	50.00 mm	276.00	Each	
<u>33.13.7</u> P-55	Laying of one number PVC insulated and PVC sheathed power calbie of 1:1 KV			
	grade of size not excedding 25 sq.mm in the existing RCC Hume/stone/ware/G.I.Pipe as required	10.00	Meter	
<u>33.13.17</u> P-56	Laying and fixing of one number PVC sheathed aluminium conductor cable of 1.1 kv grade of size not exceeding 25 Sq.mm on surface etc. as required	38.00	Meter	
<u>33.13.21</u> P-56	Laying of underground cable armoured/ unarmoured as per specification in air with approved type of iron clamps complete			
33.13.21.1	2/3/4 Core cable upto 16 Sq.mm	18.00	Meter	
33.13.21.2	3/3 1/2 /4 Core cable upto 25 Sqmm to 120 Sq.mm	26.00	Meter	

34.8 P-60	Supplying and drawing guard wire/earth wire/bearer wire 13mm ² (4mm dia) G.I. including stringing, binding at existing insulators or brackets, jointing, jumpering, connecting etc. as required and clearing of obstacles (if any)	6993.00	Km.		
34.11 P-60	Installing iron clad weather proof cut outs on existing pole or surface board/boxes with necessary materials complete including fixing and connection etc.				
	excluding cost of cutouts as required				
34.11.1	15/16 Amps. 250 volts	24.00	Each		
34.11.2	15/16 Amps. 500 volts	39.00	Each		
34.11.3	30/32 Amps. 500 volts	45.00	Each		
34.11.4	60/63 Amps. 500 volts	102.00	Each		
34.11.5	100 Amps. 50C volts	172.00	Each		
34.53 P-64	Providing and fixing 50mmx3.2MGI Long pipe (including accessories) complete with 50 mm x 50mm x 6mm angle iron bracket on wall and 75 mmx 90 mm shackle insulator with straps for house service connection.	1101.00	Each		
34.58/P-64	supplying of angle/channel flat iron fitting for overhead lines such as cross arms, clamps brackets, welding and other necessary materials as per specification	44.00	Kg.		
34.60/P-64	Labour charges for fixing D brackets of angle iron 50x50x6 mm size on existing wall masonry with required materials complete	21.00	Each		
34.37/P-63	Supplying and erection of 75mmx90mm shackle insulator with Gi. bolts, nuts, and straps etc. as required	58.00	Each		
34.38/P-63	Supplying and erection of 100mmx100mm shackle insulator with G.I. bolts, nuts, and straps etc. as required	59.00	Each		
	Following Electrical Material must be used				
	(1) PVC Copper Conductor wire - Finolex				
	(2) Steel Conduit Pipe - BEC				
	(3) Modular Switch - Finolex , Legrang , Hevelex and Accessories				
	(4) MCB , Isolator , Rccb , MCB DB -Havalles Legrand				
	(5) XLPE Insulate Cable - Finolex				




GROUND FLOOR PLAN OF SHOES (IN & OUT CORRIDOR) AT -0.6M LVL & +0.6M LVL

SHRI PARIPATYATHI MANDIR PRASADH SAHIT, MADURAI	
PROPOSED SHOP & ENTRANCE OF SHRI PARIPATYATHI TEMPLE	
GROUND FLOOR PLAN	
	nitin shrinani & associates architects,engineers, 215,main street denkan 1972nd palace hndre ph. no. 2894197



FIRST FLOOR PLAN OF (INNER SHOPS) AT +2.45M LVL

CLIENT :-	SHRI PARIPATKATI HANUM PRASAD SHETI, MANDALUR.	
NAME OF PROJECT :-	PROPOSED SHOP & ENTRANCE OF SHRI PARIPATKATI WITH TEMPLE	
TITLE :-	FIRST FLOOR PLAN	nitin shrivastava & associates architects/engineers 215, inner west chaurani 1872nd phase, hindu ph. no. 2884197