



# Rajasthan Tourism Development Corporation Limited

(A Government of Rajasthan Undertaking)

Paryatan Bhawan Opposite Vidhayak Puri Thana. Jaipur

## **E-TENDER NOTICE NO 25/2022-23**

Rajasthan Tourism Development Corporation Limited (RTDC) Jaipur invites competitive bids for Development work at Bada Padampura Jain Temple, Jaipur & Various dev. works at Chand Kheri Jain Temple distt Jhalawar from the contractors having experience in the field registered with State Government, Government of India, Central /State Government undertaking in appropriate class and trade .The detailed information can be seen at website [www.rtdc.tourism.rajasthan.gov.in](http://www.rtdc.tourism.rajasthan.gov.in) & [sppp.rajasthan.gov.in](http://sppp.rajasthan.gov.in). The tender documents can be downloaded to <http://eproc.rajasthan.gov.in> till dated 02.03.2023 upto 1.00 P.M and should be deposited online in electronic format upto 2.00 P.M on dated 02.03.2023& will be opened at 5.00 P.M. on dated 02.03.2023.

S.N O	NAME OF WORK	APPROX. VALU E (RS. IN LAKHS)	EARNEST MONEY (RS. IN LAKHS)	TENDER COST (IN Rs.)	E- PROCES SING FEES (IN RS.)	COMPLETION PERIOD OF WORK	DATE OF SELLING UPTO DATED	DATE OF RECEIPT
1	Development work at Bada Padampura Jain Temple, Jaipur	390.00	7.80	5000	2000	12 Months	02.03.2023	02.03.2023
2	Various dev. works at Chand Kheri Jain Temple distt Jhalawar	150.00	3.00	5000	2000	8 Months	02.03.2023	02.03.2023

**The undersigned reserves full right to cancel all or any part of the NIT without assigning any reason.**

1. The GST Registration certificate, PAN NO. copies, EPF registration are to be enclosed with bid.
2. The bid shall be in two part i.e. (A) Technical bid (2) Financial bid . The technical bids will be opened on due date i.e. 02.03.2023. After scrutiny and declaration of qualified/successful bidders, the financial bids will be opened for which the successful bidders will be informed
3. **The Earnest money & tender cost shall be in the of name of General Manager-Work, RTDC Ltd. Jaipur and e-processing fees in the name of M.D., RISL, Jaipur in the form of Bank Demand Draft shall be deposited in person in the office of General Manager-Work, RTDC Ltd. Jaipur upto dated 02.03.2023 upto 4.00 P.M and information thereof will also be given on website with tender document. .**
4. **Joint Venture bids are not acceptable.**
5. The bidder must ensure that all the information required in the documents duly signed is furnished by him complete in all respects. He would not be allowed to withdraw any documents or to rectify any information after submitting the bid.
6. **Unbalance Bid amount means positive difference of eighty five percent (85%) of estimated bid value shall be deposited by successful bidder before execution of agreement through Demand Draft, Banker's Cheque or Bank Guarantee**
- 7.

**(Madhav Sharma)**  
Executive Director-works

No. 548

Date 08-02-23

**Copy to following for information & N/a:-**

1. P.S. to Director Tourism, Govt. of Rajasthan, Jaipur.
2. P.S. to Managing Director, RTDC Ltd. Jaipur.
3. P.A. to Executive Director, RTDC Ltd. Jaipur.
4. E.O. to Executive Director (Finance), RTDC Ltd. Jaipur.
5. Executive Engineer/Divisional Engineer, RTDC Ltd. Jaipur/Assistant Accounts Officer, Works Division, RTDC Ltd. Jaipur.
6. Divisional Engineer-I, RTDC Ltd., Jaipur/Assistant Engineer, RTDC Ltd., Jaipur
7. Cashier, W.D., RTDC Ltd. Jaipur.
8. Computer Operator, Computer Section to upload the NIT/BID on website as mentioned above.

**(Madhav Sharma)**  
Executive Director-works

# राजस्थान टूरिज्म डवलपमेंन्ट कॉरपोरेशन लिमिटेड (राजस्थान सरकार का उपक्रम)

पर्यटन भवन, तृतीय तल, विधायकपुरी थाने के सामने, एम. आई. रोड, जयपुर-302001



क्रमांक 548

दिनांक 08.02.2023

## ई-निविदा सूचना सं. 25 / 2022-23

राजस्थान पर्यटन विकास निगम लि. जयपुर की ओर से राज्य सरकार/केन्द्र सरकार के विभागों एवं सार्वजनिक उपक्रमों में उपयुक्त श्रेणी में पंजीकृत संवेदकों से 'Online NIB' आमंत्रित की जाती है। इन कार्यों की अनुमानित लागत, निविदा बेचे जाने व प्राप्त करने की दिनांक, निविदा शर्तें आदि संपूर्ण विवरण वेबसाइट [www.rtdc.tourism.rajasthan.gov.in](http://www.rtdc.tourism.rajasthan.gov.in) & [sppp.rajasthan.gov.in](http://sppp.rajasthan.gov.in) & to <http://eproc.rajasthan.gov.in> पर देखी जा सकती है।

Tender ID –

.

( माधव शर्मा )  
कार्यकारी निदेशक— कार्य

No.: 548

Date: 08-02-2023

Copy to following for information & n/a:-

1. P.S. to Director Tourism, Govt. of Rajasthan, Jaipur
2. P.S. to Managing Director, RTDC Ltd., Jaipur
3. E.O. to Executive Director (Finance), RTDC Ltd., Jaipur
4. P.A. to Executive Director, RTDC Ltd., Jaipur
5. Executive Engineer/Divisional Engineer, RTDC Ltd., Jaipur
6. Assistant Accounts Officer, Works Division, RTDC Ltd., Jaipur
7. Cashier, W.D., RTDC Ltd., Jaipur
8. Manager, RTDC Ltd., Publicity Section , Jaipur for publication as per Rajasthan Transparency in Public Procurement Act -2013 in One leading regional daily news paper, One state level leading daily news paper and one All India level daily news paper.

(Madhav Sharma)  
Executive Director-WORKS,

**GENERAL TERMS & CONDITIONS**

SN	
1.	Tenders invited from Contractor having registration in Government / Semi-Government or any other Public Sector Undertakings.
2.	The work shall include all lead and lifts at site of work.
3	The work shall be strictly carried out as per the tender specification & Indian Standard specifications.
4	Any kind of damage to the existing structure during the execution of the work shall be made good by the contractor at no extra cost.
5.	Electricity and water for execution of the work shall be arranged by the contractor at his own cost.
6.	The contractor shall be fully responsible for compliance of Labour laws, EPF/ESI & contribution towards labour as well as himself and insurance etc. for the workers engaged by him on the works
7.	Conditional tender shall not be considered and shall be liable to be rejected without taking any cognizance thereof.
8	Quantities of any item may be increased, decreased or deleted as per site conditions and as per instruction of Engineer-in-charge. Nothing can be claimed extra for such changes in the item and also in the variation of quantities.
9.	All the instructions/specifications issued by R.T.D.C. authorities from time to time regarding construction, addition or alteration shall be binding upon the contractor.
10.	The contractor shall take all the necessary measures and will be responsible for the safety for the Labour at work and existing structure etc.
11.	Skilled man power shall be provided at site to engineer-in-charge for checking of lines, levels and specifications etc., who shall be at the disposal of the engineer-in-charge If not provided by the contractor than same shall be engaged by the Corporation on Contractor's cost and the payment made shall be recovered from the contractor.
12.	Contractor is to abide by the instruction issued by the Engineer-in-charge & Client Department Authority regarding collection/storage of material at site.
13	All service lines i.e. water supply, sewer, telephone, Electricity etc. at the site shall have to be taken care of by the contractor during the execution. Any damage to these lines shall have to repair by the contractor.
14.	All finishing material shall be got approved by the Client/competent authority before execution.
15.	All hidden works shall be got checked necessarily from the engineer-in-charge before covering them for which the contractor shall inform the engineer-in-charge well in time.
16.	Final payment shall be made only after satisfactory handing over of the said work to the client/department. All materials shall be got tested before use by the contractor at his own cost as directed by Engineer-in-charge.
17.	Defect liability shall be Two year for the said work
18.	The Tenderers are advised to visit the site before quoting the rates and to seek any clarification regarding said work, they can contact the engineer-in-charge during office hours.
19.	The rates quoted by the contractor shall be deemed to be inclusive of Sales tax, Income Tax, Service tax, Royalty, Labour cess & any other tax/duty/cess applicable by law at the time of payment and shall be borne by the contractor for performance of the contractor. The employer shall deduct such taxes as per applicable law.
20.	The Photographs' of site before starting of the work and after completion of work will be provided in two copies by the contractor at his own cost & no extra cost will be paid by department.
21	The rates quoted by the contractor will remain valid upto four months. Validity period on the written consent of the contractor can be extended.

**Signature of Contractor with seal and full address with mobile No.**

**Executive Director-Works,**  
**RTDC Ltd., Jaipur**

**RAJASTHAN TOURISM DEVELOPMENT CORPORATION LIMITED, JAIPUR  
(WORKS DIVISION)**

**TENDER DOCUMENT**

E-Tender (NIT No.) 25/2022-23

Name of work:- **Dev. work at Badapadmpura Jain Temple.**

Signature of Contractor

## **UNDERTAKING**

**THE Executive Director-Works,  
RTDC Ltd., Jaipur**

Dear Sir,

Having examined and understood terms & conditions, the plans, specifications and Schedule of Quantities for the work prepared by your Architects/ Engineers, I/We hereby offer to execute the work at the rates which I/We have quoted for respective items specified. I/We herewith enclose my/Our DD no-----dated-----  
-Name of bank-----for Rs.  
.....as earnest money for execution at my/our tendered rates.

In the event of this Tender being accepted I/We agree to enter into agreement as & when required to execute the work.

Yours Faithfully

**CONTRACTOR  
(Name & Full address with seal)**

## MEMORANDUM

I/We hereby tender for execution for the work within time specified and rates entered in the schedule "G" in all respects in accordance with the specifications, designs, drawings and instructions in writing referred to herein and in the annexed conditions with such materials as are provided for by and in all other respects in accordance with such conditions so far as applicable. I/We have visited the site of work & I/We am/are fully aware of all the difficulties & conditions likely to effect carrying out of the work. I/We have fully acquainted myself/ourselves about the conditions in regard to accessibility of site and quarries/kilns, nature and the extent of ground, working conditions including stacking of material, installation of T&P, conditions affecting accommodation and movement of labour etc. required for the satisfactory execution of this contract.

- |     |  |     |
|-----|--|-----|
| (a) | Name of work                               |     |
| (b) | Estimated Cost (in figures)                | Rs. |
|     | (in words)                                 | Rs  |
| (c) | Earnest Money                              | Rs. |
| (d) | Security Deposit (Including Earnest Money) | Rs. |

### NOTE:

- (1) Security deposit to be 10% in the form of cash or deduction to be made from running bills.
- (2) Time allowed for the work to be reckoned from the 10<sup>th</sup> day after the date of written order to commence the work.

Should this tender be accepted in whole or in part I/We hereby agree to abide-by and fulfill all terms and provisions of the conditions of contract annexed hereto and in the NIT or in default thereof to forfeit and pay to the General Manager (Works) , Jaipur the sum of money mentioned in the said conditions.

A sum of Rs..... is enclosed herewith as earnest money. This amount of earnest money shall absolutely be forfeited to Department without prejudice to any other right or remedies should I/We fail to commence the work specified in the above memorandum or should I/We not furnish performance guarantee in cash or in form or Bank guarantee at the time of execution of agreement specified in the above memorandum in accordance with the said conditions of contract.

**Signature of Contractor**

The above tender is hereby accepted by me..

**Executive Director-Works.**  
**RTDC Ltd., Jaipur**

## DIRECTIONS FOR GUIDANCE OF CONTRACTORS

1. All works proposed for execution by contract will be notified in a form of invitation to tender pasted on a board hung up in the office and signed by Executive Director-Works, RTDC LTD., Jaipur or duly authorized officer.  
The form of invitation to tender will state the work to be carried out as well as the date of submitting and opening of tenders & the time allowed for carrying out the work, also the amount of earnest money to be deposited with the tender, and the amount of security deposit to be deposited by the successful tenderer and the percentage as per PWF&AR, Govt. of Rajasthan to be deducted from the bills, copies of the specifications, designs and drawing and estimated rates/scheduled rates and any other documents required in connection with the work for the purpose of identification by the Rajasthan Tourism Development Corpn. Jaipur Drawings shall also be open for inspection by the contractor at the office of the Executive Director-Works Rajasthan Tourism Development Corporation Ltd., Jaipur or duly authorized Engineer during office hours.
2. In the event of the tender being submitted by a firm, it must be signed separately by each partner thereof, or, in the event of the absence of any partner, it must be signed on his behalf by a person holding power of attorney authorizing him to do so.
3. Receipt for payment made on account of a work when executed by a firm, must also be signed by the several partners, except where the contractor are described in their tender as a firm in which case the receipt must be signed in the name of the firm by one of the partners or by some other person having to give effectual receipts for the firm.
4. Any person who submits tender shall fill up the usual printed form stating at how much percent above or below the rates specified or on item rates, he is willing to undertake the work. Tenders which propose any alteration in the work specified in the said form of invitation to tender or in the time allowed for carrying out the work or which contain any other conditions of any sort will be liable to rejection. No single tender shall include more than one work, but person who wish to tender for two or more works shall submit a separate tender for each work. Tender shall have the name and number of the work to which they refer written outside the envelope.
5. The Executive Director-Works, RTDC Ltd., Jaipur or other duly authorized Engineer will open the tenders in the presence of any intending contractors or their authorized representative who may be present at the time and will enter the amounts of the several tenders in the Register of tenders in the event of the tender being accepted. A receipt for the earnest money forwarded therein shall there upon be given to the contractor who shall there-upon for the purpose of identification sign copies of the specifications and other documents. In the event of a tender being rejected, the earnest money forwarded with such unaccepted tender shall be returned to the contractor.
6. The Executive Director-Works, RTDC Ltd., Jaipur or other authorized Engineer shall have the right of rejecting all or any of the tenders without assigning any reasons.
7. The accompanying schedules of quantities in "G" Schedule are the architects estimated quantities for the work. The contractor/s shall attach his/their OWN prices for the each item in column for rates left blank and shall money out the same in the final column & totals. He/They shall fill up properly the form of tender and the schedule of quantities without adding any stipulations thereto. The tender shall show the total amount arrived at in the manner above described. The tender, Notice to Contractors, conditions of contract. Specifications and the Schedule of quantities and rates, etc. shall all be embodied in and shall form a part of the contract.
8. The quantities contained in the Schedule are only approximately correct. If more or less quantities are actually done on the work the contractor/s shall be paid for the same at the rates tendered by him/them in the Schedule of Rates. The work as actually done will be measured by the contractor's qualified engineer and bill furnished to the Executive Director-Works RTDC Ltd., Jaipur which in turn will get it checked by the Engineer in charge time to time, and will be paid for as provided in the Special Condition of Contract after deducting S.D. as per PWF&AR. provisions.

**Signature of Contractor**

## GENERAL CONDITIONS OF CONTRACT

1. All the materials used shall be of approved quality and to the entire satisfaction of the Executive Director-Works, RTDC Ltd., Jaipur
2. The Executive Director-Works, RTDC Ltd., Jaipur or the Engineer in charge reserves right for any additions and alternations or omission in the tender and execution of works. In case the Department supplies the material specified in the tender, recovery for the cost of supplied material from subsequent running Bill will be made.
3. The Department shall pay to the contractor as detailed in special conditions of contract.
4. The contractor/s is/are to set out the work in accordance with the plans. All lines to be accurately marked or otherwise to the satisfaction of the Engineer in charge.
5. The contractor/s shall meet the Engineer in charge or his representative at the works site whenever required.
6. The contractor/s shall maintain and be represented on site at all times by a responsible and efficient Engineer/Architect who thoroughly understands all the trades enrolled. The Engineer in charge reserves the right to dismiss the Foremen and any workmen who in his opinions are not sufficiently skilled or who neglect or refuse to obey instructions.
7. The Executive Director-Works, RTDC Ltd., Jaipur, reserves the right of altering the drawings and nature of the work and adding to or omitting any item of work or having portions of the same carried out departmentally or otherwise and such alterations or variations shall be carried out without prejudice to the contract
8. The Executive Director-Works, RTDC Ltd., Jaipur reserves to the right to increase or decrease quantity of work or omit some part of the work without violating the contract and for which he will not be held liable to compensation to the contractor/s.
9. All plants, machines and other equipments are to be arranged by contractor for the work.
10. Any percentage rate tender containing item-wise rates and any item rate tender containing percentage rate below or above estimated/scheduled rates will be summarily rejected.
11. The Conditions of Contract shall govern sales tax or any other tax on materials, or Income Tax in respect of the contract. Deduction of Income Tax at source will be made as per provisions of the Income Tax Act, in force from time to time.
12. If on check, there are differences between the rate quoted by the Contractor in words and figures, or in the amount worked out by him, the following procedure shall be followed: -
  - (i) Where there is a difference between the rates in figures and words, lower of the two rates shall be taken as valid and correct rate.
  - (ii) When the rate quoted by the contractor in figures and in words tallies, but the amount is not worked out correctly, the rate quoted by the contractor shall be taken as correct and not the amount worked out.
  - (iii) While quoting rates, if rate/rates against any item or items are found to be omitted, the rate given in the Schedule "G" by the Department for such items will be taken into account while preparing comparative statement and contractor shall be bound to execute such item on "G" Schedule rates.
  - (iv) In case where percentage is given but the 'above' or 'below' not scored, the tender will be treated **as percentage below**.
13. The Contractor shall read the specifications and study the working drawings carefully before submitting the tender.
14. After acceptance of the tender, the Contractor or all partners (in the case of partnership firm), will append photographs and signatures duly attested, at the time of execution of agreement.
15. Experience into similar nature of works for which tender invited and fulfill conditions of NIT.
16. Contractors shall submit only unconditional tenders. Conditional tenders are liable to be rejected similarly.

**Signature of  
Contractor**

Executive Director-Works,



## SPECIAL CONDITIONS OF CONTRACT

1. The Technical bid will be opened first on the day mentioned in the NIT, Bidders will be evaluated as per norms set for qualification in Technical bid and Financial bids of only those bidders will be opened which were qualified in the technical bid.
2. Contractors bidding for the work should be reputed experienced contractors fulfilling the requirements laid down in the NIT and well versed and working in the field. Only those bidders will be considered qualified in the Technical bid who have successfully **executed similar nature works of the tune A. One completed work of 80% of estimated value of the tender in any one year during last 5 year's B. Two completed work of 50% of estimated of value of the tender in any one year during the last 5 year's C. Three completed work of 40% of estimated of value of the tender in any one year during the last 5 year's** Contractors bidding for the work should be reputed experienced contractors fulfilling the requirements laid down in the NIT and well versed and working in the field. The bidder should have executed at least 33.33% of the following quantities of work in any one of the last five financial years, however the bidder may opt the current year in the above said five years assessment period. **Centering and shuttering 1057.00 Sqm, Steel reinforcement 24998 .00 Kg., Cement concrete for RCC 228.00 Cum, Cement concrete M-10 233.00 Cum, RR Stone masonry 216 cum.** In last five years. The bidder should have the necessary technical expertise and support machinery and administrative and financial capability to satisfactorily execute works in question for which they are bidding.
3. The decision of the Executive Director-Works, RTDC Ltd., Jaipur or his representative on pre-qualification in the Technical bid will be final & binding.
4. All raw materials will have to be brought to the site and all carving work will have to be executed only at site to qualify for payment of running bills, No payment of any material at or work done at place other than the site of work will be made unless such material is brought to site and found acceptable to be used on the work.
5. General conditions of contract, special conditions of contract and specification of work as appended herewith in addition to General condition of agreement will be applicable on this work. In addition, the P.W.D. specifications will also be applicable as relevant to the particular item of work.
6. Work shall be carried out as per approved drawings and designs to be provided by the departmental architect engaged.
7. The exposed surface of stonework will be suitably protected from damage/ disfigurement during the course of work and will be cleaned and washed removing all spots etc. for final acceptance on completion.
8. The time for completion of work as given in the NIT shall be strictly adhered to and the work so planned as to be completed within the scheduled period. The contractor shall provide with a time schedule to the department for progressing with and completing various stages of the work.
9. Only best quality stone and other building materials shall be used in construction and all such material will be got approved from the Engineer in-charge before use.
10. Quantities of individual items can be increased invariably or even reduced/ withdrawn and specification and designs altered at the discretion of Engineer in-charge and contractor will not be entitled to any compensation thereof for such alteration. For non BSR extra items if any rates will be decided based on market analysis to be provided by contractor.
11. Contractor will give notice before any work is covered up. Bad work will have to be redone/replaced at contractor's cost.
15. Full scale drawings/ form work for architectural stone work to be developed from drawings wherever necessary shall be got prepared by contractor for prior approval before Signature of contractor.  
construction at his own cost and he will get these approved from the Engineer in-charge/ General Manager-Works. RTDC Ltd., Jaipur who shall however be at liberty to modify such drawings/ form work and no extra payment shall be made for this.
16. It will be the contractor's responsibility to get the drawings/ formwork and sample of individual items/elements of work approved from the departmental Architect/ Engineer before proceeding with manufacture of the same at site.
17. The contractor shall provide adequate safety measures and proper insurance for his labour working at site and it shall be done by contractor at his end. Contractor shall settle all labour disputes at his own level. The contractor shall observe all labour/factory laws in force.
18. Security deposit will be recovered from each running bill of contractor as per provisions of PWF&AR. Earnest money will be adjusted in the security deposit amount. Security deposit shall be returned after **Two** years satisfactory completion of the work and on satisfactory performance of structure.
19. No escalation will be payable even if the completion period exceeds that as stipulated.
20. In case of unsatisfactory work by contractor or deliberate delaying the work without valid reasons, the contract will be liable to be terminated at the stage up to which acceptable work is done and paid for with no compensation of any sort payable to contractor for withdrawal at that stage and possession of work executed at site will be taken over by Department. In case of any dispute the decision of the Department will be final and binding on the contractor.
21. The bidder has to furnish with his technical bid (In prescribed Performa's Schedule 1-5):  
  
Full information regarding financial resources and capability in Schedule-1 herewith.(Photocopy to be made out of schedule)
  - a) Details of works of similar nature(RCC Building works) and magnitude completed in last 5 years by the tenderer in Schedule II (Photocopy to be made out of schedule).
  - b) Details of works, bids and works to be completed in Schedule-III (Photocopy to be made out of schedule).
  - c) Details of technical, supervisory personnel and master craftsman/ craftsman which he proposes to utilize for this work in Schedule IV. (Photocopy to be made out of schedule).
  - d) Details of plant and equipment proposed for use in the work in Schedule V. (Photocopy to be made out of schedule).

- e) The bidder should demonstrate that they have adequate financial resources (Over draft/ Credit Limit/ letter from bank).
22. The right to qualify or not to qualify any or all the bidders without assigning any reason is reserved with the General Manager (Works) Rajasthan Tourism Development Corporation Ltd, Jaipur

## 23. Bid capacity:

Bidders who meet the minimum qualifying criteria are to be evaluated further for Bid capacity as under: -

- (a) Maximum value of similar works executed in any one year during the last Five years including current year (updated to the current price level) extracted from schedule II which will take into account the completed and on going works.
- (b) Value of the existing commitments, works (complete or partial) to be completed in the coming 12 months (up dated to the current price level). Extracted from schedule III
- (i) Bid Capacity=(A/Nx3-B) where  
 A=Maximum value of works executed in any one year during the last five years (updated to present price level) taking into account the completed as well as works in progress.  
 N=Number of years prescribed for completion of the works for which bids are invited herein (in years)  
 B=Value, at present price level, of existing commitments and on going works (at hand) to be executed during "N" period.

The bidder will be post qualified only if his bid capacity is equal or more than the cost of work in question. No contract may be awarded to bidder lacking the financial and technical resources to undertake the work. The decision of General Manager (Works) Rajasthan Tourism Development Corporation Ltd, Jaipur in this regard will be final and binding.

NOTE -The present price level for turn over, cost of completed works and amount of similar nature works of the estimated value of the work, published in NIT during last five years), the previous years value shall be given weight age of 10% per year as following for the tenders/bids invited by this department –

(a) For last year	1.00
(b) For one year before -	1.10
(c) For two year before -	1.21
(d) For three year before	1.33

For current year the price level shall be 1.0

24. Determination of Responsiveness:
- a) Prior to the detailed evaluation of bids, the Executive Director-Works, Rajasthan Tourism Development Corporation Ltd, JAIPUR will determine whether each bid is substantially responsive to the requirements of the bidding documents.
- b) For the purpose of this clause a substantially responsive bid is one, which has required capacity, capability and financial resources, and whose bid conforms to all the terms, conditions and specifications of the bidding documents without material deviation or reservation. A material deviation or reservation is one which affects in any substantial way the scope, quality or performance of the works or which limits in any substantial way the Executive Director-Works, Rajasthan Tourism Development Corporation Ltd, JAIPUR'S right or the Bidder's obligations under the contract and the rectification of which deviation or reservation would effect unfairly the competitive position of other bidders presenting substantially responsive bids.
- c) if a bid is not substantially responsive to the requirements of the bidding documents it will be rejected and may not subsequently be made responsive by the bidder having corrected or withdrawn the nonconforming deviation or reservation.

## 25. Construction programme –

- a) Within the time stated in this contract the Contractor shall after the acceptance of his tender, submit to the Executive Director-Works Rajasthan Tourism Development Corporation Ltd, JAIPUR, for approval programme together with bar chart, PERT chart,
- b) proposed deployment of machinery etc., showing the order of procedure in which he proposes to carryout the works. The contractor shall provide in writing general description, the arrangements, deployment of equipment, work planning and methods, which he proposes to adopt for the execution of the works.
- c) If at any time it should appear to the Department that actual progress of the work does not conform to the approved programme referred to in sub-clause (1) of this clause, the Contractor shall produce, at the request of the Department a revised programme showing the modifications to the approved programme necessary to ensure completion of the works within the time for completion.
- d) The submission to and approval by the Department of such programmes or the furnishing of such particulars shall not relieve the contractor of any of his duties or responsibilities under the contract.
- e) The contractor shall submit within 30 days after the date of notice to proceed with the work a detailed construction programme to suit the programme of completion for the entire contract period. This programme shall be reviewed and revised every half year at the beginning of the working season to plan timely action for making up the slippages occurred in the previous season to suit the stipulated period of completion (including mile stones) as extended from time to time.

- f) The Contractor shall submitted monthly bill in excel sheet.

## 26. Materials workmanship, period and certificates of Maintenance and Defect Liability etc.

All materials and workmanship shall be of the respective kinds described in the contract and in accordance with the Architect's/Engineer instructions and shall be subjected from time to time to such tests as the Engineer may direct at the place of manufacture or fabrication or on the site or at such other place or places as may be specified in the

Contract or at all or any of such places. The contractor shall install quality control laboratory and provide such assistance, instruments, machines, labour and materials as are normally required for examining, measuring and test in any work and the quality, weight or quantity of any material used and shall supply samples of materials before incorporation in the works for testing as may be selected and required by the Engineer-in-charge.

27

Period of maintenance and Defects liability:

The Contractor shall be responsible to make good within such period as maybe stipulated by the Engineer in-charge any defect which may develop or may be noticed during period of maintenance of 24 months from the certified date of completion and which is attributable to the contractor. All notice of such defect shall be given to the Contractor promptly. In case the contractor fails to make good the defects, the Engineer in-charge may employ other persons to make good such defects and all expenses consequent thereof and incidental thereto shall be recoverable from the Contractor. In the event the employer takes over portions of work as they are completed the liability of the contractor under this clause for these portions shall extend to a period of 24 months from the actual dates on which portions of the works are taken over.

28.

The successful bidder/contractor is required to undertake detailed photo recording documentation by still photography, videography of the entire work prior to commencement and the same has to be deposited with the Engineer in charge of RAJASTHAN TOURISM DEVELOPMENT CORPORATION, JAIPUR in two copies immediately. Before dismantling any old work to redo this still photography with specifically putting some identity mark number of the portion by any specified means has to be done and this to be got checked and certified by Engineer In charge and recorded specifically in the measurement book (M.B.). A written permission from the Engineer in charge before commencement of executing such work is essential for execution as well as for payments. During the work in progress and after its completion also photo documentation is necessary and the photos before & after completion of portion of work are essentially to be enclosed with the bill for payment.

**Signature of Contractor**

Executive Director-Works,

## **SCHEDULE-I**

### **FINANCIAL RESOURCES AND CAPABILITY (PURSUANT TO CLAUSE 26)**

1. Name of Applicant
2. Name of Partner/ Director
3. Capital
  - (a) Authorised
  - (b) ii
4.
  - (a) WhetheCategory of Enlisted in Govt.
  - (b) Details Details of the work completed and applicant's performance record for last five years  
(information to b furnished in Schedule II in India.
  - (c) Details of works in hand applicant's performance record for last five years (Information to be furnished in  
Schedule-III)
5. Furnish Balance Sheet and profit and loss statement with auditor's report for the last three years.
6. The information on the following aspects should be specifically furnished.
  - (i) Working capital and net worth.
  - (ii) Turnover for the years
    - a.
    - b.
    - c.
  - (iii) Gross income in years in India
    - (i)
    - (ii)
    - (iii)
  - (iv) Quick ratio or acid test ration (Quick assets to current liabilities).
7. What is the maximum annual turnover of the project that you can handle (Financial Projection).
8. Have you ever been denied tendering facilities by any Governmental/ Department/Public Sector undertaking?  
(If yes, Please give details)
9. List of your source of finance
10. Certificate of financial soundness by Bank.
11. Name and address of Bank from whom reference can be obtained.
12. Have you ever been declared bankrupt?  
(if yes, please give details)

**Signature of Contractor**

**SCHEDULE-II**

**WORKS OF SIMILAR NATURE OF THE WORK UNDER CONSIDERATION, COMPLETED BY THE APPLICANT IN  
LAST FIVE YEARS IN INDIA**

(Pursuant to Clause 26)

[illegible]

**Signature of Contractor**

WORKS TENDERED FOR & WORKS TO BE COMPLETED AS ON THE DATE OF SUBMISSION OF APPLICATION  
IN INDIA

[illegible]

**Signature of Contractor**

## **SCHEDULE- IV**

Details of Key Personnel intended to be employed for this work

(use separate sheet if necessary)

(Pursuant to clause 26)

S. No.	Name of Person	Qualification	Designation	Experience	Work to be put on
--------	----------------	---------------	-------------	------------	-------------------

A. Technical Personnel

(1)

(2)

(3)

(4)

B. Administrative Personnel

(1)

(2)

(3)

(4)

C. Master Craftsmen

(1)

(2)

(3)

(4)

D. Craftsmen

(1)

(2)

(3)

(4)

E. Any other

(1)

(2)

(3)

(4)

**Signature of Contractor**

### SCHEDULE- V

#### DETAILS OF MAJOR ITEMS OF CONSTRUCTION PLANT AVAILABLE FOR THIS WORK.

S. No.	Particulars	Make	Year of manufacture	Nos.	Whether owned or confirmed lease
1.	Scaffolding Material				
2.	Shuttering				
3.	Any other T&P for the purpose.				
4.					
5.					
6.					
7.					
8.					

**Signature of Contractor**



**RAJASTHAN TOURISM DEVELOPMENT CORPORATION  
LIMITED, JAIPUR (WORKS DIVISION)**

**TENDER DOCUMENT  
(Financial Bid)**

E-Tender (NIT No.) 25/2022-23

Name of work:- **Dev. work at Badapadmpura Jain Tample.**

Signature of Contractor

<b>RAJASTHAN TOURSIM DEVELOPMENT CORRORATION., JAIPUR</b>		
<b>G-Schedule</b>		
<b>Name of work :- Dev. work at Badapadmpura Jain Tample.</b>		
<b>General Abstract</b>		
<b>S.No.</b>	<b>Item</b>	<b>Amount</b>
1	Total amount of Part 'A' Civil Work (Based on PWD BSR 2022)	34393320.00
	Add/Subtract Tender Premium % above/below @ ---	
	Total of part 'A'	
2	Total amount of Part 'B' Sanitary work (Based on PWD BSR 2022 )	1077527.00
	Add/Subtract Tender Premium % above/below @ ---	
	Total of part 'B'	
3	Total amount of Part 'C' Electric work (Based on PWD BSR 2022 )	1411398.00
	Add/Subtract Tender Premium % above/below @ ---	
	Total of part 'C'	
4	Total amount of Part 'D' (Non BSR Items)	.....
	Total of (A + B + C + D)	

**Signature of the Contractor  
with full postal address**

**EXECUTIVE  
DIRECTOR (WORKS)  
R.T.D.C. LIMITED,  
JAIPUR**

RAJASTHAN TOURSIM DEVELOPMENT CORRORATION., JAIPUR					
G-Schedule					
Name of work- Dev. work at Badapadmpura Jain Tample.					
PART A Civil Work					
			Based on PWD BSR 2022		
S.N.	Item	Qty	Rate	Unit	Amount
1	Surface dressing of the ground including removing vegetation and inequalities not exceeding 15cm deep and disposal of rubbish lead up to 50 Mtr. and lift up to 1.5 Mtr. : All kinds of soil	7000.00	9.00	Sqm	63000.00
2	Filling available excavated earth (excluding rock) in trenches, plinth side of foundation etc. in layers not exceeding 20 cm. in depth, consolidating each deposited layer by ramming and watering including lead up to 50 meter and with all lift.	1024.00	64.00	Cum	65536.00
3	Excavation work by mechanical means (Hydraulic excavator) / manual means in 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 getting out the excavated soil and disposal of surplus excavated soil as directed with a lead in a 50 meter including stacking of useful material if available :Ordinary rock	2723.00	268.00	Cum	729764.00
4	Providing and laying cement concrete including curing, compaction etc. complete in retaining walls, return walls, walls (any thickness) including attached pilasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window sills, fillets, levelling course etc up to floor five level excluding the cost of centering and shuttering. M10 grade Nominal Mix 1: 3: 6 (1 cement : 3 coarse sand : 6 graded stone aggregate 20mm nominal size).	700.00	4320.00	Cum	3024000.00

5	Providing and laying in position specified grade of cement concrete for all RCC structural elements upto plinth level including curing, compaction, finishing with rendering in cement sand mortar 1:3 (1 cement: 3 coarse sand) and making good the joints and cost of plastizers( if required) excluding the cost of centering, shuttering and reinforcement. M20 grade Nominal Mix / Design Mix	250.00	4934.00	Cum	1233500.00
6	Providing and laying in position specified grade of cement concrete for RCC structural elements upto floor five level including curing, compaction, finishing with rendering in cement sand mortar 1:3 (1 cement: 3 coarse sand) and making good the joints and cost of plastizers (if required ) excluding the cost of centering, shuttering and reinforcement for Walls (any thickness) including attached pilasters, buttresses, plinth and string courses, fillets, columns, pillars, piers, abutments, posts and struts etc. M20 grade Nominal Mix / Design Mix	111.00	5609.00	Cum	622599.00
7	Providing and laying in position specified grade of cement concrete for RCC structural elements upto floor five level including curing, compaction, finishing with rendering in cement sand mortar 1:3 (1 cement: 3 coarse sand) and making good the joints and cost of plastizers( if required) excluding the cost of centering, shuttering and reinforcement for Beams, suspended floors, roofs, griders having slopes up to 15°, landings, balconies, shelves, chajjas, lintels, bands, plain windows sills, staircases and spiral staircases etc. M20 grade Nominal Mix / Design Mix	325.00	5185.00	Cum	1685125.00
8	Centering and Shuttering with plywood or steel sheets including strutting, propping bracing both ways and removal of formwork for foundation , footings, strap beam, raft , bases of columns etc.	663.00	157.00	Cum	104091.00

9	Centering & shuttering with plywood or steel sheets including strutting, propping bracing both ways with steel props and removal of formwork for upto floor five level for : Suspended floors, roofs, landings, staircases, balconies, girders, cantilevers, bands, coping bed plates, anchor blocks, sills, chhajjas, lintel, beam, plinth beam etc.	1858.00	340.00	Sqm	631720.00
10	Columns, pillars, posts and struts etc.	650.00	375.00	Sqm	243750.00
11	Providing and fabricating reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding (including cost of binding wire) all complete up to floor five level. ('Original producers' who manufacture billet directly from iron ores and roll the billets to produce steel conforming to IS:1786) Thermo-mechanically Treated bars (Conforming of relevent IS code)	75000.00	77.00	Kg	5775000.00
12	Brick work with F.P.S. bricks of class designation 75 in superstructure above plinth level upto floor V level in all shapes and sizes in : Cement mortar 1 : 4 (1 cement : 4 coarse sand)	425.00	5196.00	Cum	2208300.00
13	Half brick masonry in Superstructure , above plinth level upto floor V level using bricks of designation 75 Cement mortar 1 : 4 (1 cement : 4 coarse sand)	500.00	553.00	Sqm	276500.00
14	Random Rubble stone masonry with hard stone in superstructure above plinth level and upto five level above 30cm. thick walls in Cement Mortar 1:4 ( 1-Cement : 4-Sand).	650.00	3824.00	Cum	2485600.00
15	Providing and fixing Granite stone slab mirror polished and machine edge cut in walls, pillars, steps, Shelves, Sills Counters, Floors etc. laid on 12mm (Av.) thick base of cement mortar 1:3 (1 cement : 3 coarse sand) jointing with white cement mortar 1:2 (1white cement : 2 marble dust) with pigment to match the shade of the marble slab including grinding, rubbing and polishing complete. South Zed Black Above 3601 Cm2 Slabs	150.00	4076.00	Sqm	611400.00

16	Providing and fixing 1st quality MAT & GLOSSY finished ceramic tile confirming to IS : 13755 and IS : 15622 colour such as white, grey, ivory, fume red brown, light green, light blue and other light shades in floors, steps, pillars etc. laid on a bed of neat cement slurry finished with flush pointing in the white cement mixed with pigment to match the shade of the tile complete (including the cost of cement mortar bed 1:4), Size 600mm x 600mm	450.00	1162.00	Sqm	522900.00
17	P & F 1st quality Heavy Duty Vitrified Double Charged tiles on floor, skirting and steps etc.in different sizes (thickness minimum 10mm) with water absorption less than or equal 0.08% and conforming to IS 15622 of approved make in all colour and shade, laid with 20 mm thick CM 1: 4 including grouting the joints with white cement and matching pigment etc complete, size 600 mm X 1200mm	850.00	1425.00	Sqm	1211250.00
18	Add extra for Fixing glazed/ Ceramic/ Vitrified floor tiles with cement based high polymer modified quick-set tile adhesive (Water based) conforming to IS: 15477 , using 5kg. adhesive per sqm of tile area, in average 3mm thickness instead of cement mortar.	1450.00	128.00	Sqm	185600.00
19	Extra for providing edge moulding to 15-18mm thick marble/ Granite/Kota stone counters, Vanities etc. including machine polishing to edge to give high gloss finish etc. complete as per design approved by Engineer-in-Charge. Full Edge moulding	200.00	233.00	Mtr	46600.00
20	Extra for providing opening of required size & shape for wash basins/ kitchen sink in kitchen platform, vanity counters and similar location in marble/Granite/stone work including necessary holes for pillar taps etc. including rubbing and polishing of cut edges etc. complete	12.00	256.00	Each	3072.00
21	Providing & fixing door, window, chowkhats and other frames, including antitermite treatment, M.S. flat, hold fasts of size 250 x 40 x 3mm fixed with M.S. bolt 5mm dia 50mm long duly embedded in cement concrete M-15 grade : Ghana teak	2.25	118554.00	Cum	266746.50

	wood Grade - I.				
22	Providing and fixing external grade board solid core single leaf flush door shutters ISI 2202-67 marked using Phenol formal dehyderesin in glue both sides with approved steel fittings complete as per annexure 'A' 35 mm thick Decorative teak veneer both side	60.00	2505.00	Sqm	150300.00
23	Extra for providing external lipping with 2nd class teak wood battens 6 mm minimum depth on all edges of shutters (over all area of door shutter to be measured) Over item no. 8.13.	60.00	141.00	Sqm	8460.00
24	Extra for providing other type of fittings as mention in annexure A ( as approved by EI) : Brass fittings	60.00	501.00	Sqm	30060.00
25	Providing and fixing expandable fastners of specified size with necessary plastic sleeves and galvanised M.S. screws including drilling holes in masonry work /CC/R.C.C. and making good etc. complete, 50 mm long	40.00	19.00	Each	760.00
26	Providing and fixing Nigeria / Ghana /Ivory Coast Teak wood grade-I mouldings and beadings in doors and windows size :-				
27	50x20 mm	250.00	127.00	Mtr	31750.00
28	25x12 mm	250.00	72.00	Mtr	18000.00
29	25x20 mm	250.00	88.00	Mtr	22000.00
30	Providing and fixing bright finished Mortice lock of approved make Godrej or equivalent with pair of CP handles for doors with necessary screws etc complete (Best make of approved quality) as per direction of Engineer-in-charge.	30.00	629.00	Each	18870.00
31	Providing & Fixing decorative veneer of approved make for inner/outer side of shutters with fevicol & nails complete as per approved by engineer in charge, 6.0mm thick veneer	60.00	1569.00	Sqm	94140.00
32	Structural steel work riveted, bolted or welded in built up sections, trusses and framed work, including cutting, hoisting (height upto 10 m) , fixing in position and applying a priming coat of approved steel primer all complete:	7000.00	72.00	Kg	504000.00

33	Providing and fixing steel gate, grating , and grills made of angles, tees, square bars, flats, or black pipe with holdfast and fittings complete as per design and drawing including cutting welding and fabrication with priming coat of red oxide	1000.00	96.00	Kg	96000.00
34	Grading roof for water proofing treatment with water proffing compound, Cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size)	128.00	4483.00	Cum	573824.00
35	Providing gola 75x75 mm in cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 stone aggregate 10mm and down gauge) including finishing with cement mortar 1:3 (1 cement : 3 fine sand) as per standard design :	700.00	111.00	Mtr	77700.00
36	Plaster on new surface on walls in cement sand mortar 1:4 including racking of joints etc. complete fine finish :25 mm thick. Sqm 189.00 12.2.2 20mm thick .	7000.00	227.00	Sqm	1589000.00
37	Providing and applying white cement based putty over plastered surface to prepare the surface even and smooth complete New Plastered Surface (three or more coats)	3000.00	84.00	Sqm	252000.00
38	Providing and applying plaster of paris putty of 2 mm thickness over plastered surface to prepare the surface even and smooth complete	500.00	69.00	Sqm	34500.00
39	Providing & Laying POP moulding & beading in ceiling including nailing & scaffolding etc. complete of size : 25mm x 25 mm	300.00	72.00	Rmt	21600.00
40	Providing & Laying POP Cornice of required design & pattern in ceiling including nailing & scaffolding etc. complete with fine finishing of size: 75mm x 75mm	300.00	146.00	Rmt	43800.00



41	Finishing walls with textured exterior paint of required shade as per approved colour complete as per manufacturers specifications including primer coat and protecting coat including scaffolding and safety provision Sqm Trowel Finish av. thickness 1000 to 1200 microns.	2500.00	347.00	Sqm	867500.00
42	Painting exterior surface of Wall with 100% acrylic exterior paint of approved brand and manufacture to give an even shade with two or more coats including preparation of base with sand papering, primer, putty, etc complete in all respect including scaffolding and safety provision new work	2500.00	123.00	Sqm	307500.00
43	Repair to damaged RCC slabs, beams and columns etc for strengthening with cement mortar 1 : 2 in following steps :- (i) Chopping losse and cracked concrete to required depth, cleaning the exposed surface of steel and concrete with wire brush and sand papering , cleaning of concrete surface with water as necessary and getting dried. (ii) Applying Epoxy primer on the exposed steel bars. (iii) Applying Epoxy hardener and resin mix (as per manufactured's specification) on concrete and steel bars with brush. (iv) Speading dry cement mortar 1 : 2 mix over epoxy treated wet surface and allow it to dry for one day. (v) Plastering the surface with cement sand mortar 1 : 3 upto depth of 30mm complete. (vi) Cure the plastered surface for 15 days, All work including scaffolding etc. complete in all respect	10.00	1568.00	Sqm	15680.00
44	French sprit polishing Two or more coats on new work including a coat of wood filler.	120.00	167.00	Sqm	20040.00
45	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade : Two or more coats on new work	500.00	69.00	Sqm	34500.00

46	Fine grinded Gangsaw cut 30-35 mm thick stone flooring over 20 mm (average) thick base of cement mortar 1:4 (1 cement :4 coarse sand) jointed grey cement slurry mixed with pigment to match the shade of stone complete as per design drawing and instruction of El. Mandana stone	200.00	937.00	Sqm.	187400.00
47	Providing and fixing aluminum work for doors ,windows, ventilators and partition with extruded built up standard tubular / appropriate Z sections and other sections of approved make conforming to IS :733 and IS :1285, fixed with rawl plugs and screws or with fixing clips ,or with expansion hold fasteners including necessary filling up of gap. at junctions , at top ,bottom and sides with required PVC/neoprene felt etc. Aluminium section shall be smooth ,rust free, straight ,mitered and jointed mechanically wherever required including cleat angle Aluminium snap beading for glazing /paneling , C.P. brass/ stainless steel screws Al. Tower bolt & Al. handle & Al. Aldrop etc.,all complete as per architectural drawings and the directions of Engineer- in – charge .(Glazing and paneling to be paid for separately). For fixed portion, Powder coating aluminum (minimum thickness of powder coating 50 micron) use make jindal, hindalco	1500.00	351.00	Kg.	526500.00
48	For shutters builtup standard tubular sections of openable doors ,windows & ventilators including providing & fixing hinges / rollers etc. and making provision for fixing of fittings wherever required (lockes shall be paid for separately), Powder coating aluminum ( minimum thickness of powder coating 50 micron) use make jindal, hindalco	750.00	381.00	Kg.	285750.00
49	Extra for shutters of sliding aluminum windows	750.00	76.20	Kg.	57150.00

50	Providing and fixing glazing in aluminium door, window ,ventilator shutters and partitions etc. with PVS / neoprene gasket etc. complete as per the architectural drawings and the directions of engineer-in-charge.(Cost of aluminium snap beading shall be paid in basic item.) With float glass panes of 5.0 mm thickness ( weight not less than 13.50 kg/sqm)	150.00	902.00	Sqm	135300.00
51	Filling the gap upto 5 mm depth and 5 mm width in between aluminium frame & adjacent RCC/ Brick/ Stone work by providing weather silicon sealant over backer rod of approved quality as per architectural drawings and direction of Engineerin-charge complete.	200.00	78.00	Rm	15600.00
52	S&f fixed wire gauge of stainless steel of 14 mesh x 24 gauge to the aluminium window by Aluminium beading 20x3mm with suitable screws not exceeding 150mm distance at all heights with all lead and lift with scaffolding.	75.00	925.00	Sqm	69375.00
53	Providing and fixing expanded grill made of aluminum as per design and drawing having members section of size 7.5mm x 6.0mm and opening of size 102mm x 99mm to aluminum window/vent with required screws, Y and H aluminium section (as per drawing) at the ends and middle joints respectively complete in all respect as per direction of engineer in charge. Anodised aluminum (anodised transparent 81 dyed to required shade according to IS : 1868. (Minimum anodic coating of grade AC 15, Anodizing to be got done from approvedanodizer)	150.00	1775.00	Sqm	266250.00
54	Carriage of Building Rubbish Stone metal (Grit and ballast etc.) For 20 Km.	1024.00	240.00	Cum	245760.00

55	Supplying and fixing machine cut dressed 75 mm Pink sand stone (Bansi Paharpur) dasa/ coping with ornamental shape having moulding and "PAN Shape" engraving as per required pattern with engraving depth of 5 mm (average) in single piece of length 90 cm to be laid on cement mortar 1:4 (12 to 20mm thick) including pointing with admixture of pigment matching with the stone shade.	50.00	5309.00	Sqm	265450.00
56	Providing and fixing stone slabs table rubbed, 15-18 mm thick in Walls, Steps, Pillars, Counters, Jambs, Shelves, Sills etc. laid on 12mm (Av.) thick base of CM 1:3 (1 cement : 3 coarse sand) jointing with white cement mortar 1:2 (1 white cement : 2 marble dust) with pigment to match the shade of the marble slab including grinding, rubbing and polishing complete Above 3601 Cm <sup>2</sup> Slabs	100.00	1305.00	Sqm	130500.00
57	Providing and fixing 25 mm thick Non slippery reflective type designer paving tile with metallic hardening using 2 Kg/sq.mtr made out of cement concrete of required grade, sizes of tile upto 300X300 mm Manufactured with wet cast Vibration system in two layers and laid over base of 20 mm thick cement mortar 1:4 using neat cement slurry including finishing of joints etc. complete. Using M-30 grade cement Concrete	60.00	1368.00	Sqm	82080.00
58	Wall painting with plastic emulsion paint of approved brand and manufacture to give an even shade including all scaffolding: Two or more coats on new work including preparation of base with primer, putty, lippy etc complete in all respect.	2500.00	80.00	Sqm	200000.00

59	M-50 100mm thick to be used in heavy-traffic ( Heavy traffic is defined as a daily traffic of 450-1500 commercial vehicles exceeding 30 KN laden weight, or an equivalent of 2.0 to 5.0 MSA for a design life of 20 years.) like Bus terminals, industrial complexes, mandi houses roads on expansive soils, factory floor , service station, industrial pavements.etc. (A) Category A Denated units to key into each other on four faces zigzag shape as per IRC SP 63:2004	1500.00	1311.00	Sqm	1966500.00
60	Supply and installation of Multi Rib Proofing/cladding Sheet Manufacture out of 0.50mm TCT (Total Coated Thickness) high tensile Zinc aluminum alloy coated galvalume steel (as per 150gsm zinc aluminum coated 550Mpa tuekd strength) confirming to IS: 1397/astm A-792 sheet to have wide pens 30mm high NB at 250 centre and centre width of 1020mm sheets be casted with regular modified polyster system on a continuous with line on centre for face and with a polyster coating respectively sheet shall have proportionality with siphoned plate made to prevent leakage sheet shall be fixed by more of sell drilling lift tapping hot dip zinc coated hox head fasterner of size 12x14x 55mm long. The sheet shall be supplied in cost one length and for a minimum up to 12mts with all scaffolding.	350.00	689.00	Sqm	241150.00
61	Add extra for 0.60mm TCT (Total Coated Thickness) high tensile Zinc aluminum alloy coated galvalume steel sheet in place of 0.50mm thick	350.00	118.35	Sqm	41422.50

62	<p>Kerb Stones of 1200x300x150, 1000x450x150, 1000x600x150, 600x300x150 size (M-30) Providing and Laying cement concrete Kerb Stones of different sizes in M-30 grade (Manufactured with fully mechanised dry cast process with forced action mixer whose arms revolve along the main axis and rotate about its own axis also, having humidity sensor for moisture control of w/c ratio in concrete mix. Manufactured with steel moulds (Milled and manufactured in CSI diamond or CSI Nitro process for accuracy) on steel base plate of min 16 mm thick; Having Vibration and pressing action both together with the help of multiple synchronised vibrators. Power of hydraulic station should be minimum 50KW for compaction and cured in controlled chambers having humidity control and automated air circulation system) in position to the required line, level and curvature jointed with cement mortar 1:3 (1 Cement : 3 Coarse sand) including making of joints, drainage opening wherever required.</p>	40.00	9429.00	Cum	377160.00
63	<p>Providing and fixing factory made P.V.C. door frame of size 50x47mm with a wall thickness of 5mm, made out of extruded 5mm rigid PVC foam sheet mitred at corners and joined with 2 Nos. of 150mm long brackets of 15x15mm M.S. square tube, the vertical door profiles to be reinforced with 19x19mm M.S. square tube of 19 gauge, EPDM rubber gasket weather seal to be provided through out the frame. The door frame to be fixed to the wall using M.S. screws of 65/100mm size complete as per manufacturers specification and direction of Engineer-in-Charge.</p>	80.00	277.00	Rmt	22160.00

64	<p>Providing and fixing to existing door frames 30mm thick factory made polyvinyl chloride (PVC) door shutter made of stiles and rails of a uPVC hollow section of size 60x30 mm and wall thickness 2mm +/- 0.2mm with inbuilt decorative moulding edging on one side. The stiles and rails mitred and joined and the corners by means of M.S.galvanized/plastic brackets of size 75x220 mm having wall thickness 1.0mm and stainless steel screws. The stiles of the shutter reinforced by inserting galvanized M.S.tube of size 25x20 mm and 1mm +/- 0.1mm wall thickness. The lock rail made up of „H“ section, a uPVC hollow section of size 100x30 mm and 2mm +/- 0.2mm wall thickness fixed to the shutter stiles by means of plastic/galvanized M.S.tube „U“ cleats. The shutter frame filled with a uPVC multi-chambered single panel of size not less than 610mm, having overall thickness of 20mm and 1mm +/- 0.1mm wall thickness. The panels filled vertically and tie bar at two places by inserting horizontally 6mm galvanized M.S.rod and fastened with nuts and washers.complete as per manufacturer's specification and direction of Engineer-in-charge. (For W.C.and bathroom door shutter)</p>	40.00	1829.00	Sqm	73160.00
65	<p>Supplying and fixing machine cut dressed 75 mm Pink sand stone (Bansi Paharpur) dasa/ coping with ornamental shape having moulding and "PAN Shape" engraving as per required pattern with engraving depth of 5 mm (average) in single piece of length 90 cm to be laid on cement mortar 1:4 (12 to 20mm thick) including pointing with admixture of pigment matching with the stone shade.</p>	200.00	5309.00	Sqm	1061800.00

66	Stone work (machine cut edges) for Wall cladding/ Veneering work up to 10 m height with 20 to 30 mm thick Pink Sand stone (Bansi Paharpur) and backing filled with a grout of 12mm thick cement mortar 1:3 (1 cement : 3 coarse sand) including pointing in white cement mortar 1:2 (1 white cement : 2 stone dust) with an admixture of pigment matching the stone shade : (To be secured to the backing by means of cramps which shall be paid separately) Exposed face Machine cut	175.00	2536.00	Sqm	443800.00
67	Kota stone slab flooring 25 mm thick over 20 mm (average) thick base laid over and jointed with grey cement slurry mixed with pigment to match the shade of the slab including rubbing and polishing complete with base of cement mortar 1 : 4 (1 cement : 4 coarse sand) For area of each slab from 2001 to 5000 Sq.Cm	400.00	1023.00	Sqm	409200.00
68	Providing and fixing in cement sand mortar 1 : 4 single paitam (rebated) stone doors windows and ventilator frames of approved quarry : Size 100x 75mm	50.00	271.00	Mtr	13550.00
69	Extra for Mirror polishing on terrazzo/Kota stone work where ever required to give high gloss finish complete.	400.00	121.00	Sqm	48400.00
70	Finishing with neat cement (punning).	1100.00	36.00	Sqm	39600.00
71	Supply and fixing in cement mortar welded hand railing made out of MS round or square bars, flats etc. for staircase or verandah as per design complete in all respect (wooden or PVC hand railing to be paid extra) with priming coat of red oxide.	400.00	81.00	kg	32400.00
72	Extra for providing D type pipe head as top of hand railing	150.00	8.10	kg	1215.00



73	Providing and laying wooden flooring with a direct laminated surface treated with aluminum oxide on top of a high-density fiber board with a density of 850 Kg./per Mtr. having a click system tongue and groove joint to secure a long lasting joint The planks are or termite resistant and water protected with both side lamination Wooden flooring Planks of size 1208 x 194 x 8 mm / 1215x294x8 mm (8mm thick laminated floor class of use 23/31 having a wear resistance level of AC-3 , impact resistance > 9mm, moisture resistance 3-10% as per (EN-424, EN – 438 EN – 425 EN – 417 – 2)or PREN 3329 complete in all respect as per direction of El	150.00	2311.00	Sqm	346650.00
			Total		34393320.00
	Add/Subtract Tender Premium % above/below @ ---				
	Total of Part 'A'				

**Signature of the Contractor  
with full postal address**

**EXECUTIVEDIRE  
CTOR (WORKS)  
R.T.D.C.  
LIMITED,  
JAIPUR**

Part B Sanitary work					
			Based on PWD BSR 2022		
S.N.	Item	Qty	Rate	Unit	Amount
1	P & F PVC Storage Tank ISI Marked (IS : 12701) indicating the BIS license No), of approved make with cover, 25mm dia 1M long G.I. over-flow pipe & 25 Cm. long wash out pipe with plug & socket, including making connection etc., complete of approved design: 1000 litres capacity.	6.00	7841.00	Each	47046.00
2	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply including all CPVC plain & brass threaded fittings i/c fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer in Charge. (Concealed work including cutting chases and making good the walls etc.,)				
a	20 mm nominal outer dia pipes	300.00	289.00	Rm	86700.00
b	25 mm nominal outer dia pipes	300.00	376.00	Rm	112800.00
3	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply including all CPVC plain & brass threaded fittings, this included jointing of pipes & fittings with one step CPVC solvent cement , trenching refilling & testing of joints complete as per direction of Engineer in Charge. (External work).				
a	25 mm nominal size outer dia pipes	200.00	262.00	Rm	52400.00
b	32 mm nominal outer dia pipes	200.00	343.00	Rm	68600.00
c	50 mm nominal outer dia pipes	200.00	757.00	Rm	151400.00
4	P&F rigid PVC Pipe (IS:4985 mark) class II/ (4 Kg. /Cm2 .) approved quality /make including joining the pipe with solvent cement rubber ring and lubricant.				
a	75 mm dia	125.00	177.00	Mtr	22125.00
b	110 mm dia	125.00	282.00	Mtr	35250.00
c	160 mm dia	100.00	463.00	Mtr	46300.00
5	P&F rigid PVC pipe fittings (IS: 4985 mark) of approved quality /make including joining the pipe with solvent cement rubber ring and lubricant:				
A	socket				

	(i) 75mm dia	50.00	87.00	Each	4350.00
	(ii) 110mm dia	25.00	108.00	Each	2700.00
	(iii) 160mm dia	25.00	119.00	Each	2975.00
B	Reducer 110 X 75 mm				
	(i) 110 mm dia	31.00	97.00	Each	3007.00
C	Plain Tee				
	(i) 75mm dia	20.00	114.00	Each	2280.00
	(ii) 110mm dia	20.00	187.00	Each	3740.00
	(iii) 160mm dia	20.00	205.00	Each	4100.00
D	Bend 45				
	(i) 75mm dia	20.00	80.00	Each	1600.00
	(ii) 110mm dia	20.00	128.00	Each	2560.00
	(iii) 160mm dia	20.00	143.00	Each	2860.00
E	Plain floor trap				
	110mm dia	40.00	230.00	Each	9200.00
6	Construction of manhole in all type of soil inner size 90 X 60 Cm. 300 mm thick masonry in CM 1:6, 10 Cm. thick cement concrete 1:5:10 in foundation, 20 mm thick inside plaster in CM 1:6, finished with floating neat cement, 50mm thick M-15 grade C.C. flooring, making hannels, 80mm thick stone slab covering with 40mm thick M-15 grade C.C. flooring, Cement cover with frame of 450mm dia, earthwork etc. complete as per design including disposal of surplus earth within 50 mtr. lead. Depth up to 0.5 M	12.00	5489.00	Each	65868.00
7	Construction of chamber in all type of soil with 300 mm thick masonry in CM 1:6 m, 10 cm thick C.C. 1:5:10 in foundation, 20mm thick insider plaster in Cm 1:6, finished with floating neat cement, 50mm thick M-15 grade C.C. flooring , earthwork etc. complete as per design including disposal of surplus earth within a lead of 50 mtr, Inside size 300 X 300 mm depth upto 0.5 M Cement cover with frame	12.00	1049.00	Each	12588.00

8	Construction of soakage well in all type of soil with 300 mm thick dry masonry, top and bottom 300 mm course in CM 1:6, 80mm thick stone slab, jointing of slab in CM 1 : 3, Ralthal, Kharanja, 40 mm thick M-15 grade C.C flooring , earthwork complete as per approved drawing including disposal of earth within a lead of 50 mtr.: Size 300 Cm. dia outside & 300 Cm. depth.	2.00	24135.00	Each	48270.00
9	Providing and Fixing Unplasticized Poly Vinyl Chloride (UPVC) SWR Pipes Type B for sciland waste discharge system (IS:13592 : 1992 Marked) of approved quality /make110 mm dia	150.00	336.00	Each	50400.00
10	P & F Gun-metal Non-return Valve or Check Valve (IS :Make) of approved make, superior quality:				
a	25mm nominal bore Vertical	12.00	403.00	Each	4836.00
b	32mm nominal bore Vertical	12.00	583.00	Each	6996.00
11	Providing, Laying & Jointing R.C.C. class NP-2 Non-Pressure pipes (IS : 458mark) of approved make with collars, jointed with C.M. 1:2 or having Spigot and socket ends with flexible rubber rings joint including testing of joints etc. complete 200mm dia Internal	150.00	674.00	Mtr	101100.00
12	Providing & Laying C.C. 1:5:10 (Stone aggregate 40mm nominal size) upto haunches of S.W. pipes including 150 mm thick bed concrete (Width W= Dia of pipe in Cm+ 30Cm.) concrete width to be reduced from width W at center of pipe to `0` at top of pipe. (Excluding cost of pipe) 200mm dia S.W. pipe	150.00	413.00	Mtr	61950.00
13	Construction of Cement Concrete Chamber 125mm dia. C.P. Brass doom grating	24.00	177.00	Each	4248.00
	C.I. Grating	20.00	152.00	Each	3040.00
14	Making of hole in R.C.C. slab/wall/beams and masonry wall (width up to 450 mm) by core cutting machine complete as per direction of EI From diameter 100mm to 150mm	20.00	1107.00	Each	22140.00
15	P & F European type white glazed vitreous china 1st quality Double syphonic W.C (IS :2556 Mark) with P or S trap including cutting and making good the wall and floor	6.00	5198.00	Each	31188.00

16	P & F water closet Seat Covers with brass hinges complete : Solid PVC (IS 2548 marked) grade-I white for EWC.	6.00	485.00	Each	2910.00
			Total		1077527.00
	Add/Subtract Tender Premium % above/below @ ---				
	Total of Part 'B'				

**Signature of the Contractor  
with full postal address**

**EXECUTIVE DIRECTOR  
(WORKS)  
R.T.D.C. LIMITED, JAIPUR**

Part C		Based on PWD Elect BSR 2022			
S.No.	Item	Unit	Qty	Rate	Amount
1	Wiring of light point/ fan point/ exhaust fan point/ call bell point with 1.5 sq. mm nominal size FR PVC insulated unsheathed flexible copper conductor 1.1 kV grade and 1.5 sq. mm nominal size FR PVC insulated unsheathed flexible copper earth conductor 1.1 kV grade (IS:694) in recessed ISI marked MMS ( IS:9537 P - III ) virgin material PVC conduit & it's ISI marked (IS:3419-1988) accessories, round tiles, 1.2 mm thick Hot Dipped Galvanized Modular Box with earth terminal, 10A Modular switch, Modular face plate with grid plate, 3 pin ceiling rose / Holder /3 way connector, screws, making connections, testing etc. as required. For specification of copper Conductor, Phenolic Laminated sheet's & Electrical/ Wiring accessories refer Chapter E - 04, E - 05 & E - 07 For additional technical parameters of product / work refer Annexure 'A' attached with this BSR				.
a	Short point (up to 3 mtr.)	Each	150.00	359.00	53850.00
b	Medium point (up to 6 mtr.)	Each	150.00	578.00	86700.00
c	Long point (up to 10 mtr.)	Each	200.00	772.00	154400.00
2	Wiring of 3/5 pin 6 amp. Light plug point with 1.5 sq. mm nominal size FR PVC insulated unsheathed flexible copper conductor 1.1 kV grade and 1.5 sq. mm nominal size FR PVC insulated unsheathed flexible copper earth conductor 1.1 kV grade (IS:694) in recessed ISI marked MMS ( IS:9537 P - III ) PVC conduit & it's ISI marked (IS:3419- 1988) accessories, Hot Dipped Galvanized Modular box of 1.2 mm thick with earth terminal, 10 A modular switch, 3/5 pin 6 A modular socket, Modular face plate with grid plate, screws, making connections, testing etc. as required. For specification of copper Conductor, Phenolic Laminated sheet's & Electrical/ Wiring accessories refer Chapter E - 04, E - 05 & E - 07 For additional technical parameters of product / work refer Annexure 'A' attached with this BSR				
	On board	Each	30.00	357.00	10710.00
3	S&F following sizes (dia.) of ISI marked virgin material MMS ( IS:9537 P - III ) PVC conduit along with ISI marked (IS:3419-1988) accessories as required in recess including cutting the wall, covering conduit and making good the same as required. For additional technical parameters of product / work refer Annexure 'A' attached with this BSR				
a	20 mm	Rmt	300.00	40.00	12000.00

b	25 mm		300.00	56.00	16800.00
4	Supplying and drawing FR PVC insulated & unsheathed flexible copper conductor as per PWD specification for electrical Works with ISI marked (IS:694) and as per IS 8130 : 2013 of 1.1 kV grade . Wire should be made from 99.90 % purity copper, class 5 stranding in acc. to IS:8130/IEC 60228 for lower watt loss , oxygen free for less chances of oxidization, insulation PVC type A/C/D , flame retardant as per IS 10810-53, better amperage rating as per IS:3961 part 5, in existing surface or recessed PVC/ MS conduit/casing capping making connections with Copper Lugs of suitable size, errules,testing etc. as required. OEM Must have its own in house NABL lab setup for all testing facilities for wires. For additional technical parameters of product / work refer Annexure 'A' attached with this BSR				
b	2 x 2.5 sq.mm	Rmt	700.00	61.00	42700.00
c	2 x 2.5 sq. mm. + 1x1.5sqmm	Rmt	500.00	81.00	40500.00
d	2 x 4.0 sq. mm. + 1 x 2.5 sq. mm.	Rmt	300.00	122.00	36600.00
e	2 x 6.0 sq. mm. + 1 x 2.5 sq. mm.	Rmt	300.00	170.00	51000.00
5	Providing & Fixing of following modular accessories as per PWD specification for electrical Works, made out of unbreakable and fire retardant vergin poly carbonate with brass terminals and captive screws & silver alloy contact tip with IP-20 rating , including all as per pre approved by Engineer in charge,making connections, testing etc. as required. For additional technical parameters of product / work refer Annexure 'A' attached with this BSR				
a	USB Charger 1 A - 1 M with BIS mark	Each	10.00	483.00	4830.00
b	RJ-11 telephone jack Double line	Each	10.00	169.00	1690.00
c	T.V. coaxial socket	Each	10.00	159.00	1590.00
d	LED Skirting /Foot Light 2 Module	Each	10.00	361.00	3610.00
e	Electronic Chime/Buzzer 2M	Each	10.00	212.00	2120.00

6	<p>Providing &amp; Fixing of IP-20 LED Recessed / Surface Mounted, Round / Square SMD Mid Power LED Downlight with power coated die-cast aluminum housing with UV Stabilized non yellowish Diffuser with BIS compliance 2.5 KV surge protected Isolated driver, with Short &amp; Open circuit protection, having efficiency &gt; 85% . System Lumen efficacy of <math>\geq 110</math> lm / watt, THD &lt; 10 % , Pf.<math>\geq</math>0.95, CRI &gt;80, life time of minimum 50000 Burning Hours with ,</p> <p>70% of initial Lumen maintained till life ends , CCT 3000°K / 4000°K/ 5700°K /6000°K/6500°K (As per ANSI Bin) , maximum power consumption should not more than the specified rating and Fixture shall be of BIS standard and trade mark certificate ( T.C.). Manufactures Word Mark/ Name Engraved/ Embossing/ Screen printing on housing. OEM must have its own in house NABL lab setup for all testing facilities for LED fixtures. (LM79 &amp; LM80) certificate / Report from OEM shall be submitted. All as per pre approved by Engineer in charge. For additional technical parameters of products/ work , refer Annexure "A" attached with this BSR , Minimum lumen output 1950 lm</p>	Each	30.00	1451.00	43530.00
7	<p>Providing &amp; Fixing of 240/415 V AC MCB with positive isolation of 10 kA breaking capacity (B/ C/D tripping characteristic as per type of load and site requirement) 4 KV impulse withstand voltage, ISI marked IS 8828(1996) / conforming to IEC 60898-1 2002, IEC 60947- 2, low watt losses, trip free mechanism , energy limiting of class 3 as per IEC, minimum phase termination capacity of 35sq.mm. , conductor line load reversibility , IP 20 contact protection and fitted in existing distribution board/sheets, minimum electrical operation 20,000 upto 20 A rating and 10,000 upto 63 A, 5000 for 80 A &amp; above rating including making connections, testing etc. as required. OEM shall have submit NABL / CPRI / ERDA accredited lab type test reports &amp; All as per pre approved by Engineer in charge. For additional technical parameters of product / work refer Annexure 'A' attached with this BSR</p>				
i	Single pole MCB (With B/C curve tripping Characteristics)				
	6 A to 32 A rating	Each	20.00	187.00	3740.00
	40 A rating	Each	10.00	415.00	4150.00
ii	Double pole MCB(With B/C curve tripping Characteristics)				
	40 A rating	Each	10.00	900.00	9000.00



8	Providing & Fixing of Recessed/surface mounting heavy duty horizontal type Double Door ( Metal / Glazed )Distribution board with Metal end box made out from Galvanized steel / CRCA sheet not less then 1.2 mm thick conforming to IS-8623-1 & 3 / IEC 61439- 1 & 3, powder painted complete with reversible door (for double door DB only )100 amp. insulated copper bus bar/shorting link , copper neutral link, copper earth link , color coded interconnecting wire set of suitable rating and din bar,masking sheet, making internal DB terminations with copper lugs, Ferrules, detachable gland plate, including making connections, testing etc. as required. OEM shall have submit NABL / CPRI / ERDA accredited lab type test reports & All as per pre approved by Engineer in charge. For additional technical parameters of product / work refer Annexure 'A' attached with this BSR				
i	Metal door (single phase) IK-09 and IP-43 with Metal end box				
	4 Way (4+2)	Each	3.00	1795.00	5385.00
ii	Metal door (Three phase) IK-09 and IP-43 with Metal end box				
	4 Way	Each	3.00	3838.00	11514.00
	6Way	Each	3.00	4811.00	14433.00
9	P&F metal clad / Plastic industrial plug top & socket unit with pin and sleeve type contact on porcelain/ bakelite base in Recessed/surface mounting heavy duty Enclosure made out from Galvanized steel / CRCA sheet not less then 1.2 mm thick conforming to IS-8623-1 & 3 / IEC 61439- 1 & 3. powder painted (without MCB) including making connections, testing etc.as required.For additional technical parameters of product / work				
	20 amp, 2 pin + scrapping Earth, 2 Module	Each	10.00	1386.00	13860.00
10	Providing & Fixing of modular type 120 W Step Fan regulator duly ISI marked (IS 11037:1984 ) with CM/L no. printed made out of unbreakable and fire retardant vergin poly carbonate with brass terminals and captive screws & silver alloy contact tip with IP-20 rating , including all as per pre approved by Engineer in charge,making connections, testing etc. as required. For additional technical parameters of product / work refer Annexure 'A' attached with this BSR				
	5 step fan regulator 2 Module 360 dgree rotating	Each	20.00	398.00	7960.00

11	Supplying and fixing of power plug point with Modular accessories as per PWD specification for electrical Works, on hot dipped galvanized modular box of 1.2 mm thick with earthing terminal/connector on surface or in recessed with suitable size of modular face plate with grid plate and cover plate including cost of ISI marked modular 16 amp. Switch (IS :3854) and 6/16 amp. socket outlet (IS:1293) making connection , testing , etc. as required. For specification of Wiring accessories refer Chapter E - 07 related item & For additional technical parameters of product / work refer Annexure 'A' attached with this BSR	Each	20.00	580.00	11600.00
12	SITC of IP-42 and general construction confirming to IS:8623 : 1993, wall/ free standing floor mounted dust and vermin proof compartmentalised cubical panel as specifications and Other parameters required as per point (a) ,(b), (c),(d), (e),(f), (g), (h) as below:-(a) Thickness of CRCA sheet shall be 2.0 mm, cable alley compartments having concealed hinged type doors with key type lock with / without detachable extension type structure. Removable 3 mm. thick sheet steel gland plates with appropriate size of knockouts for cables shall be provided(b) complete panel shall undergo a process of degreasing, Water rinsing, Activation, derusting, pickling in acid bath, phosphatising & shall be subjected to nine tank process and then Powder coated with approved shade of minimum 70microns on both side of panel. The panel having PE foam/ Neoprene rubber gasket of not less than 3mm thickness ,required hardware , concealed hinged door with key type locking arrangement for equipment/switchgear earthed with2.5 sq.mm braided copper wire.[c] Interconnection between bus bar and switchgears /cable shall be rigidly supported and made out by flexible copper wires (up to 63 amp ) and by solid bus bar (>63 amp ) . control wiring will be carried out with 1.5 Sq.mm, Earth wire with2.5 Sq.mm and CT with 2.5 sq.mm flexible copper wire only. All joints / interconnections of copper bus bar shall be dully tinned . Clearance between main bus bar and risers / metal parts shall be at least 10 mm additional to widthof bus bar Bus bar is insulated by Heat Shrinkable sleeves . Earth and Neutral bus bar shall be half of the size of phase bus bar. ( Cost of Bus bar / Flexible wire for Interconnection between Main busbar and Switchgear is to be Paid Extra )(d) Wiring between components within switchgear and Incoming / outgoing cable shall be done through the terminal block only. Direct connection shall not be permitted. Each terminal	Sqm	3.00	5975.00	17925.00

	<p>block shall be one piece moulded, barrier type, 650 volt grade, complete with washers, heads, studs with two nuts and identification strips and shall have adequate continuous current rating. For tap-offs, adjacent terminals with shorting strips shall be used. 10% Spare terminal blocks shall be provided. Wire identification on marking strip shall correspond to the designation of the wiring diagrams. All wire terminals on the equipment shall also be marked with designation corresponding to those of the wiring diagram.(e) All wiring shall be enclosed in plastic channels and neatly bunched and closed in metering chamber, Wiring between terminals of various devices shall be 'point to point' (no wire splitting or tee connections) with wires neatly trucked along the back of the panels, adequately supported to prevent sagging.(f) Floor mounted panel shall be mounted on Base frame of ISMC channel size 100 x 50 x 5 mm ( to be paid Extra )(g) Tests: The insulation resistance (with 1000 V Megger) and High voltage Power frequency test (by applying a voltage of 2.5KV for one minute) shall be measured between phases, between phase and neutral and between phase and earth. both before and after high voltage power frequency test. The insulation resistance shall not be less than three megaohm. CT Secondary current injection test shall also be carried out.(h) only outer surface area on all sides shall be measured &amp; panel to be fabricated only from CPRI approved fabricator only (CPRI Test certificates to be submitted)All as per pre approved by Engineer in charge. For additional technical parameters of products/ work , refer Annexure "A" attached with this BSR .</p>				
13	<p>Supplying and fixing of Aluminium (IEC 60105 ISO 209-1,2) / Copper (IEC 60028) bus bar by means of SMC / DMC type insulator with standard short circuit withstand capacity , high tensile nuts and bolts spring washers in existing panel including bending , cutting in required shape and size and colour coding with heat shrinkable PVC sleeves. All as per pre approved by Engineer in charge. For additional technical parameters of products/ work , refer Annexure "A" attached with this BSR .</p>	Kg	5.00	1301.00	6505.00

14	8.3 Providing & Fixing of IS: 13875 & IEC :61326 confirming LED Digital type (up to 500) V range Volt meter / Direct- Ammeter / CT oertated ammeter/ Frequency meter / KWH meter / Multi Function Meter / Power analyzer of class 1 accuracy as per IS : 1248 of size 96mm x 96 mm including making connection by PVC insulated copper conductor with PVC sleeves / channel etc. as required. All as per pre approved by Engineer in charge. For additional technical parameters of products/ work , refer Annexure "A" attached with this BSR .				
a	Three phase Ammeter with Inbuilt Selector Switch	Each	1.00	1689.00	1689.00
b	Three phase Voltmeter with Inbuilt Selector Switch	Each	1.00	1689.00	1689.00
c	Three phase KWH Meter	Each	1.00	3530.00	3530.00
15	Providing & Fixing of BIS approved Current Transformer as per PWD specification for electrical Works ,ISI marked as per IS 2705-1992/ conforming to IEC 60044-1, with secondary terminal of CT shall be brought out suitable to a terminal block which shall be easier accessible for testing and terminal connection , with all necessary support in existing panel including connection etc. as required Current transformer Ring Type Tape Wound/ Resin Cast Wound as per IS 16227 with, Accuracy Cl, CT ratio and burden as specified. ISF<=5, Cu cross secondary wire 1.5sqmm (minimum), including all section of necessary support in existing panel including connection etc. as required . All as per pre approved by Engineer in charge.All as per pre approved by Engineer in charge. For additional technical parameters of products/ work , refer Annexure "A" attached with this BSR , C T Class 1, Ratio 200/5 to 300/5, Burden 10 VA	Each	3.00	788.00	2364.00

16	Providing & Fixing of selector switch of 10 A for voltmeter using high grade engineering material to international standards with cam assembly insulation of glass filled polyamide with high tracking index. For reliable and stable electrical and mechanical endurance double butt contacts with silver bi-metal on copper should provided . contact assembly is of operating temp range -25 degree C to 55 degree C, frequency upto 10 KHz. switch life under std. op. conditions shall be mechanically minimum 50000 operations @300 cycles/ hour and electrically 10,000 operations at 100% rated duty for 100 cycles/ hour including making connection etc. as required . All as per pre approved by Engineer in charge. For additional technical parameters of products/ work refer Annexure "A" attached with this BSR . Voltage Between Phases & Individual Phases to Neutral with OFF ( 7 Position )	Each	1.00	692.00	692.00
17	Providing & Fixing of CT linked selector switch of 10 A for Ampere meter (4 position ) using high grade engineering material to international standards with cam assembly insulation of glass filled polyamide with high tracking index. For reliable and stable electrical and mechanical endurance double butt contacts with silver bi-metal on copper should provided . contact assembly is of operating temp range -25 degree C to 55 degree C, frequency upto 10 KHz. switch life under std. op. conditions shall be mechanically minimum 50000 operations @300 cycles/ hour and electrically 10,000 operations at 100% rated duty for 100 cycles/ hour , including making connection etc. as required .All as per pre approved by Engineer in charge. For additional technical parameters of products/ work , refer Annexure "A" attached with this BSR .	Each	1.00	384.00	384.00

18	Providing & Fixing of 110/220 V, unibody LED Indicating lamp IEC 60947 with integral circuit, IP 65 above panel & IP 20 terminal block, Approx. body dia for panel not less than 20 mm, length min. 50mm, front LED cover dia min. 29 mm, contact material phosphor bronze for Led, PCB contacts shall be of brass (tinplated), impulse dielectric tested for 2.5 KV, Rated insulation resistance shall be 100 M ohm at 500VDC including connection etc. as required. All as per preapproved by Engineer in charge. For additional technical parameters of products/work, refer Annexure "A" attached with this BSR. Blue / white Colour	Each	3.00	260.00	780.00
19	Providing & Laying P.V.C. / XLPE insulated & P.V.C. sheathed Armoured Aluminium cable confirming to IS:1554 P-I / IS :7098 P - I of 1.1 KV with H4- Grade electrolytic aluminium conductor confirming to IS 8130 of purity >99.6 %, round / flat strip armouring of cables, Inner / outer sheath confirming to IS:5831 in existing RCC / Hume / Stoneware / PVC pipe/ open duct/cable trench / Cable tray(with cable tie) including testing etc. as required of following size. OEM must have its own in house NABL accredited Laboratory for testing procedure as per IS:10810. For additional technical parameters of product / work refer Annexure 'A' attached with this BSR				
a	10.0 Sq. mm 4 Core	Mtr	100.00	192.00	19200.00

20	<p>Plate Earthing as per IS:3043 with copper Earth plate of purity &gt;95% of size 600mm x 600mm x 3.0mm by embodying 3 mtr. below the ground level with 20 mm dia. G.I. 'B' class watering Pipe ,including all accessories like nut, bolts, reducer, nipple, wire meshed funnel, and Heavy duty weather proof poly-propylene earth pit chamber with lockable Jam free lid suitable for safe working load 5000 Kg or more of size Top Dia. 225 to 260 mm, Bottom Dia 300 to 350 mm. and Height 250 to 300 mm. and embodying the pipe complete with alternate layers salt and coke/ charcoal, testing of earth resistance for value of 5 ohms or less as required &amp; must record by engineer in charge during site visit and ensure to enter in measurment book. All as per pre approved by Engineer in charge. For additional technical parameters of products/ work, refer Annexure "A" attached with this BSR .</p>	Set	2.00	15144.00	30288.00
21	<p>Supply &amp; Laying following size earth strip in horizontal or vertical run in surface by means of Earth strip DMC Insulator including riveting/ soldering/ welding, Jointing shall be done by overlapping and with 2 set of Brass (for Cu strip) / GI (for GI Strip) nut bolt &amp; spring washer spaced at 50cm making connection etc. as required.All as per pre approved by Engineer in charge. For additional technical parameters of products/ work , refer Annexure "A" attached with this BSR .</p> <p>25mm x 3mm copper strip</p>	Mtr	10.00	1037.00	10370.00
22	<p>Providing &amp; Fixing of BEE Star rated copper wounded double ball bearing capacitor start, aluminium body &amp; Metallic blade ceiling fan Conforming to all the performance requirements laid down in IS 374:2019 including all amendments, as applicable ; &amp; Carry BIS licensing (i.e. ISI marking) with down rod up to 80 cm with secondary support safety cable ( steel rope) , cotter pin with 3 x 1.5 sq.mm pvc insulatedflexible copper conductor making connection testing etc. as required. All as per pre approved by Engineer in charge. For additional technical parameters of products/ work , refer Annexure "A" attached with this BSR .</p>				
	1200 mm Sweep BEE 3 Star rated (service value >=5.0 to< 5.5 )	Each	20.00	2190.00	43800.00

23	Providing & Fixing of ventilating fans Capacitor start, copper wound, single phase with PVC impeller, ABS body, automatic openable louver shutter in existing opening including making connection, testing etc. as required. All as per pre approved by Engineer in charge. For additional technical parameters of products/ work , refer Annexure "A" attached with this BSR 250 mm sweep	Each	10.00	1957.00	19570.00
24	Supply installation testing & Commissioning of high mast lighting system (as per PLG 07 of ILP UKtechnical report no 7 of ILE UK /IS:875 Part-1 – 2015//BSEN10025/and IS:2062 )consisting of totally hotdip galvanised by piecewise single dipped method high mast, lantern carriage suitable for up to 12 nosluminaries with welded arm (excluding luminaires), mast head frame assembly with full cover, including 1No. LED 15 Watts aviation obstruction lights, double drum type self sustaining winch, integral power toolaccessible from door with padlocking arrangement (winch motor with control circuit) hot dippedgalvanised heavy duty pipe lightening finial, Stainless steel 6 mm dia. wire ropes (AISI 316, 7 / 19costruction 3 no. rope for lantern carrage & 2 no. rope for winch assembly ) foundation bolt, torquelimiter,EPR insulated PCP sheathed 5 core x 2.5 Sq.mm trailing cable, including outdoor type controlpanel for auto on / off, reverse / forward motor operation. The mast is constructed from mild steel plates(as per IS 5986 Gr. 510 ) cut and folded to form a polygonal section, telescopic jointed and welding as perBS 5135.etc. as required on Existing Foundation. ( See table P - 03 for specs.) OEM Must have Type testcertificate for wind tunnel test . All as per pre approved by Engineer in charge. All as per pre approved byEngineer in charge. For additional technical parameters of products/ work , refer Annexure "A"attached with this BSR . 20.0 Mtr Hm (in 2 section) suitable for 12 No. Luminaries	Each	1.00	330476.00	330476.00
25	Providing & Fixing of IP-65 Protected LED aviation obstruction light luminaire comprising of die cast aluminium alloy housingwith Polycarbonate enclosure having more than 200 No's Low Power LED's having minimum power consumption 15 watts complete in all respect. All as per pre approved by Engineer in charge. For additional technical parameters of products/ work , refer Annexure "A" attached with this BSR .aviation obstruction LED light luminaire Min. 15 Watts	Each	1.00	5494.00	5494.00



26	<p>Providing &amp; Fixing of IK08 IP-66 protected high power LED flood light system with single piece Pressure diecast aluminium housing, toughened glass diffuser with suitable lenses on LED to achieve various beam angles, of high power LED of 3 to 5 watt each . Integrated potted driver as a unique BIS R number having efficiency more than 85 % and in compliance to BIS certified and Trade mark certificate. The System level Luminaire efficacy <math>\geq 125</math> lm/ wt. LED driver Input Voltage AC 120 to 270 V AC with High voltage Cutoff @ <math>\geq 300</math> V AC and Auto resetting Safety .Power Factor <math>&gt; 0.95</math> , THD(I) <math>&lt; 10\%</math> , driver current <math>\leq 750</math>mA. driver should be Phase to phase protection of 440 V for 4 Hrs. Electrical Connector , Surge Protection Min <math>\geq 4</math>KV internal and 10KV external but inside driver compartment, System life of 50000 Burning hours with 70% of Initial Lumens maintained, CRI<math>&gt;70</math> and CCT 5700K <math>\pm 355</math>K. Manufactures Word Mark/Name Engraved/Embossing/Screen printing on die cast housing to allow traceability/authenticity. Fixture shall be IS 10322 Complianted.OEM Must have its own in house NABL lab setup for all testing facilities for LED fixtures. (LM79/LM80) Certificate/ report with liable warranty of product/accessories from OEM shall be submitted. All as per pre approved by Engineer in charge. For additional technical parameters of products/ work , refer Annexure "A" attached with this BSR .High Power LED Flood Light Minimum lumen output 43750 lm</p>	Each	10.00	27237.00	272370.00
		Total in Rs.			1411398.00
	Add/Subtract Tender Premium % above/below @ ---				
	Total of Part 'C'				

**Signature of the Contractor  
with full postal address**

**EXECUTIVE DIRECTOR  
(WORKS)  
R.T.D.C. LIMITED, JAIPUR**

Part D Non BSR Item					
S.N.	Item	Qty	Rate as per market	Unit	Amount
1	P/F looking mirror 5 mm thick on walls (Atul/eqnivalun t) with back of 6mm thick water proof ply, with 50 X 20mm heritage decorative design bidding of MP teak wood on all the four sides with polish and etching on glass. As per consultant. Complete as per direction of E.I.	10.00		Sqm	
2	Providing & Fixing Premium Quality (Hindware/ Cera make) white glazed vitreous china Sanitary Wares as per direction of Engineer-in-charge including cutting and making good the wall and floor, Wall Mounting European type W.C	4.00		Each	
3	Providing & Fixing premium quality (Hindware/ Cera make) WVC Urinal with PVC waste pipe, dome couplings, concealed iron brackets or screws etc. complete, Flat Back (large) or half stall size 590x375x390 mm	4.00		Each	
4	Providing & Fixing premium quality (Hindware/ Cera make) WVC Wash basin with C.I. brackets duly painted & 32 mm C.P. brass waste coupling of approved make, Size 550 mm x 400 mm dia for under counter	10.00		Each	
5	P & F Hindware/Cera make as approved by E.I. water closet Seat Covers with brass hinges complete Solid PVC (ISI marked) grade-I White for EWC.	4.00		Each	
6	Providing & Fixing Hindware/Cera make as approved by E.I. Concealed cistern with Floor mounting frame and flush plate of superior quality and approved sample by Engineer-in-charge.	4.00		Each	
7	Providing & Fixing Jaguar Continental prime series or equivalent make as approved by E.I. Bottle trap internal portion 32mm, size 250mm long wall connection pipe & wall flange as per approved by Engineer in Charge.	6.00		Each	
8	Providing and fixing Jaguar Continental prime series or equivalent make as approved by E.I. CP Brass fittings of approved make as per direction of Engineer-in-charge				
a	Angular stop cock with inlet connection, long thread 15 mm nominal size	30.00		Each	
b	washbasin mixer divertor with spout	10.00		Each	

c	P & F Divertors of superior quality and approved make: C.P. brass Tip-tone diverter bath spout with mixing valve.	6.00		Each	
d	600 mm long towel rail	6.00		Each	
e	Revolving type towel ring	6.00		Each	
f	Soap dish	6.00		Each	
g	Double coat hook	20.00		Each	
h	190 mm rain shower	6.00		Each	
i	Shower arm length 450mm	6.00		Each	
j	Paper holder	6.00		Each	
k	Health focet (Premium heavy Quality) as approved by Engineer-in-Charge	10.00		Each	
9	Add extra for using premium quality tiles like Kajaria or equivalent of following size				
a	MAT & GLOSSY finished ceramic tile Size 600mm x 600mm	450.00		Sqm	
b	Heavy Duty Vitrified Double Charged tiles size 600 mm X 1200mm	850.00		Sqm	
10	P/F 50mm thick bansipaharpur sand stone of size 3'3" X 2'3" ingraving, carving of monogram, flower, leaf, pillar etc as per approved by consultant/E.I.	2000.00		sqft	
11	ornamental plaster in cement mortar 1:4 of 25mm thick making kagoora, flower, leaf, pan patti and fixed with cement mortar 1:4 and anchor hold fast as per jaipur pattern complete with approved by consultant/E.I.	2000.00		sqft	
12	Plain patta plaster in cement mortar 1:4 of 50mm wide 25mm thick on wall surface i/c all tools and scaffolding complete as per consultant/E.I.	300.00		rmt	
13	Add extra for using superior quality make carbitte, switch, sockets, plate, box etc. In place item no. 1 & 2 part C Electric (Total amount 198314.00 @ 15%	1.00		Each	

14	WBM Grading - 1 Providing, laying, spreading and compacting stone aggregates of specific sizes to water bound macadam specification including spreading in uniform thickness, hand packing, rolling with smooth wheel roller 80-100 kN in stages to proper grade and camber, applying and brooming, stone screening & binding material (Stone Dust) to fill-up the interstices of coarse aggregate ( of sizes 40mm, 20mm, 10mm) crusher broken aggregate watering and using by mechanical means and also Constructing of granular sub base by providing well graded material, spreading in uniform layers with vibrator Roller of 8 - 10 Ton, tractor mount grader on prepared surface, mixing by mix in place method with rotavator at OMC, and compacting with smooth wheel roller to achieve the desired density, complete as per MoRTH specification clause 401. For grading - I material	350.00		Cum	
	Signage				
15	<b>WAY FINDING SIGNS(SHOULDER MOUNTED) :</b> Manufacturing, Supply & fixing of Both Side Retro-Reflective Way Finding Sign Boards of Size <b>1.8m X 1.22m</b> made out of cube corner micro prismatic grade sheeting confirming to Type XI standards of IRC 67-2012 & ASTM D 4956-09 Specifications and fixed over 2mm thick aluminum Sheet & back support frame ( 25 x 6 mm SS ) strip 2nos. horizontal and 2 no. vertical of stainless steel supported by 38mm Outer Dia Stainless steel pipe grade 304 all around and 75mm Outer Dia stainless steel pipe vertical post firmly fixed to the ground by means of properly designed foundation with M20 grade cement concrete 60cmX60cmX75cm including nominal reinforcement complete. The background color of retro reflective material shall be in blue and text shall be in white. The lettering and pictogram/symbols shall confirm the IRC 67-2012 standards. 10 years Pre-Qualification Warranty for Retro-Reflective sheeting from the sheeting manufacturer & a certified copy of three years outdoor weather exposure report from an Independent Test Lab for the Reflective Sheeting offered shall be submitted by the contractor. Foundation & Structural details shall adhere to the specification attached including cost of materials, labor charges, transportation, installation etc. as	2.00		Each	

	complete as per specification and departmental instruction.				
16	<b>TOURIST INFORMATION SIGN (TYPE 2):</b> Manufacturing, Supply & Fixing of Retro-Reflective Road Name sign board Single Arrow size 1.83mx1.47m made out of cube corner micro prismatic grade retro reflective sheeting confirming to Type XI standards of IRC 67:2012 & ASTM D 4956-09 specifications and fixed over 2mm thick aluminum sheet back support frame of stainless steel supported by 38mm Outer Dia stainless steel pipe all around and 75mm Outer Dia stainless steel pipe vertical post firmly fixed to the ground by means of property designed foundation with M20 grade cement concrete 45cm x45cm x 60cm etc. including nominal reinforcement. The information message shall be made out of cut out letters in Blue color transparent overlay film as per IRC 67-2012 Guidelines. The lettering and pictogram/symbols shall confirm the IRC 67-2012 standards. 10 years pre-qualification warranty for Retro Reflective sheeting from the original sheeting manufacturer & a certified copy of three years outdoor weather exposure report from an independent test lab for the product offered shall be submitted by the contractor. Foundation & Structural details shall adhere to the specification attached, including cost of materials, labor charges, transportation, installation etc. as complete as per specification and departmental instructions,	1.00		Each	

17	<b>SINGLE ARROW SIGN:</b> Manufacturing, Supply & Fixing of both side Retro-Reflective Road Name sign board Single Arrow size 1.0mx0.5m made out of wide angle cube corner micro prismatic grade retro reflective sheeting confirming to Type XI standards of IRC 67:2012 & ASTM D 4956-09 specifications and fixed over 2mm thick aluminum sheet with back support frame of stainless steel supported by 38mm Outer Dia stainless steel pipe all around and 75mm Outer Dia stainless steel pipe vertical post firmly fixed to the ground by means of properly designed foundation with M20 grade cement concrete 45cm x45cm x 60cm etc. including nominal reinforcement. The background color of retro reflective material shall be in blue and text shall be in white. The lettering and pictogram/symbols shall confirm the IRC 67-2012 standards. 10 years pre-qualification warranty for Retro Reflective sheeting from the original sheeting manufacturer & a certified copy of three years outdoor weather exposure report from an independent test lab for the product offered shall be submitted by the contractor. Foundation & Structural details shall adhere to the specification attached, including cost of materials, labor charges, transportation, installation etc. as complete as per specification and departmental instruction.	4.00		Each	
18	<b>POLE DIRECTIONAL SIGNAGE:</b> Providing/Carving/Fixing of signages made Cast Iron Pole of approved design 2800 mm high with both side Retro-Reflective sign board of size 750X375 mm. fixed over 2mm thick aluminum , around 38mm Dia SS Pipe including necessary SS Clamp, nuts and bolts, fixed to the ground by means of property designed foundation with M20 grade cement concrete 45cm x45cm x 90cm etc. including nominal reinforcement. as per detail drawing and as directed by engineer incharge and as per detailed drawing complete in all respect. ( Approx weight of column 90 Kg. )	4.00		Each	

19	<b>INTERPRETIVE SIGNAGE:</b> Providing, carving and Fixing of interpretive signages in local sandstone/limestone (as per approval of Engineer In'charge) of size 1000x1000x50 mm on inclined plane. Engraving, painting of latters as per drawing and design. The signage stone shall be fixed on the post of same stone of size 450x 450 x 1050 above ground and 1/3 of total heigt of post shall be embedded in ground with neccesary earthwork and concreting etc. complete as per details and drawings and as directed by engineer incharge.	2.00		Each	

Signature of the Contractor  
with full postal address

**EXECUTIVE DIRECTOR  
(WORKS)  
R.T.D.C. LIMITED, JAIPUR**