

Notice Inviting e-Tender for

Provision of paver block , polishing of doors, connecting polycarbonate shed from block III to canteen, compound wall around six pole structure, expansion joint treatment, one number deep bore well and other miscellaneous civil works at Dharmasala complex, AIIMS, Bhubaneswar.

(File No. : AIIMS/BBSR/Engg./CIV-2023/ Dharmasala/712 refers)



अखिल भारतीय आयुर्विज्ञान संस्थान,
All India Institute of Medical Sciences
Engineering Branch, Bhubaneswar(Odisha)-751019
www.aiimsbhubaneswar.nic.in

NIT No. : **AIIMS/BBSR/Engg./ 002 /2023-24**
NIT Issue Date : 14/06/2023
Last Date of Submission : 04/07/2023 (By 1230 Hrs)
(online)
Last date of submission : 05/07/2023 (By 1500 Hrs)
(Hard copy)

“Certified that, this tender document contains **48 (Forty Eight)** pages only”.

Executive Engineer (Civil)
AIIMS, Bhubaneswar

Government of India, Ministry of Health & Family Welfare, AIIMS, Bhubaneswar

Name of Work : Provision of paver block , polishing of doors, connecting polycarbonate shed from block III to canteen, compound wall around six pole structure, expansion joint treatment, one number deep bore well and other miscellaneous civil works at Dharmasala complex, AIIMS, Bhubaneswar.

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ALL INDIA INSTITUTE OF MEDICAL SCIENCE, BHUBANESWAR
NOTICE INVITING e-TENDER

(a)	Name of Work	Provision of paver block , polishing of doors, connecting polycarbonate shed from block III to canteen, compound wall around six pole structure, expansion joint treatment, one number deep bore well and other miscellaneous civil works at Dharmasala complex, AIIMS, Bhubaneswar.
(b)	Tender (NIT) No.	<u>AIIMS/BBSR/Engg./ 002/2023-24</u>
(c)	Contract Period	06(SIX) Months
(d)	Estimated Cost	Rs.62,88,431/- (Rupees Sixty Two Lakhs Eighty Eight Thousand Four Hundred Thirty One only)
(e)	Earnest Money Deposit (EMD)	2% of Estimated cost
(f)	Performance Security (Bank Guarantee)	3% of Tendered Cost.
(g)	Security Deposit	2.5% of the Billed amount.
(h)	Tender documents will be Issued From	Download from Institute Website. (i.e. www.aiimsbhubaneswar.nic.in , www.eprocure.gov.in).
(i)	Last Date and Time of Submission (online)	By 04/07/2023 at 1230 Hours.
(j)	Last Date and Time of Submission (Hard copy)	By 05/07/2023 at 1500 Hours.
(k)	Date, Time for opening of Technical Bid	On 05/07/2023 at 1600 Hours.

1. The indenting Bidder must read the Terms & conditions of AIIMS, Bhubaneswar carefully. He/They should only submit his/her/their bid if he/she/they consider himself/themselves eligible and he/she/they is/are in possession of all the documents required.

2. Information and Instructions for bidders posted on website shall form part of bid document.

3. The Bid documents consisting of plans, specifications, the schedule of quantities of various types of items to be executed and the set of terms & conditions of the contract to be complied with and other necessary documents can be seen and downloaded from website www.aiimsbhubaneswar.nic.in Or <https://eprocure.gov.in/eprocure/app>.

Executive Engineer (Civil)
AIIMS, Bhubaneswar

INFORMATION AND INSTRUCTIONS FOR BIDDERS FOR e-TENDERING

The Executive Engineer (Civil), AIIMS, Bhubaneswar invites on behalf of Executive Director, AIIMS, Bhubaneswar, Percentage Rate Tender from firms/contractor of repute in Two (02) Bid system (Technical & Financial respectively) from approved/registered and eligible contractors of CPWD, AIIMS, State PWD like and other eligible firms having successfully completed works of similar nature as per eligibility condition and for the Work as per the details as follows: -

Ser. No.	Description	Details
(a)	NIT No.	<u>AIIMS/BBSR/Engg./ 002/2023-24</u>
(b)	Name of Work	Provision of paver block , polishing of doors, connecting polycarbonate shed from block III to canteen, compound wall around six pole structure, expansion joint treatment, one number deep bore well and other miscellaneous civil works at Dharmasala complex, AIIMS, Bhubaneswar.
(c)	Estimated Cost	Rs.62,88,431/- (Rupees Sixty Two Lakhs Eighty Eight Thousand Four Hundred Thirty One only)
(d)	Earnest Money	2% of Estimated cost
(e)	Period of Completion	06(SIX) Months
(f)	Last Date and Time of Submission (online)	By 04/07/2023 at 1230 Hours.
(g)	Last Date and Time of Submission (Hard copy)	By 05/07/2023 at 1500 Hours.
(h)	Date, Time for opening of Technical Bid	On 05/07/2023 at 1600 Hours.
(i)	Time and date of opening of Online Financial Bids	To be intimated later through website
(j)	Period during which hard copies of Tender document duly signed by the bidder in all pages, Registration Certificates, Undertaking and other Documents to be submitted to the Office of EE (Civ.)	All the Bidders shall have to submit hard copies of Tender document duly signed by the bidder in all the pages and Self Certified copies of other Eligibility Documents in the Office of Executive Engineer (Civil) within Last date of calling of tender.

1. The intending bidder must read the terms and conditions of Tender document carefully. He should submit his bid if he considers himself eligible and he is in possession of all the certificates / documents required.

2. Information and Instructions for bidders for e-tendering posted on website shall form part of bid document.

3. The bid document consisting of NIT, plans, specifications, the schedule of quantities of various types of items to be executed and the set of terms and conditions of the contract to be complied with and other necessary documents can be seen and downloaded from <https://eprocure.gov.in/eprocure/app> or www.aiimsbhubaneswar.nic.in free of cost.

4. **For e-Tendering of this Tender, kindly visit website <https://eprocure.gov.in/eprocure/app> .**

E-Tendering Portal: <https://eprocure.gov.in/eprocure/app>

For E-tendering Queries contact CPPP Help Desk.

5. The intending bidders must have valid class-III digital signature to submit the bid.

6. Copies of eligibility documents as specified in the notice inviting tender shall be scanned and uploaded on the e-tendering website within the period of tender submission. Bidders can upload documents in the form of JPG format, PDF format and any other format as permissible by the e-tendering portal.

7. Contractor must ensure to quote the percentage rate in Performa of quoting rates. In addition to this, while selecting any of the cells a warning appears that if any cell is left blank the same shall be treated as "0". Therefore, if any cell is left blank and no rate is quoted by the bidder, rate of such item shall be treated as "0" (Zero).

However, if a tenderer does not quote any percentage above/below on the total amount of the tender or any section/sub head in percentage rate tender or each item in item rate tender, the tender shall be treated as invalid and will not be considered as lowest tenderer.

8. GST on all materials as well as GST on Work Contract etc., or any other taxes applicable in respect of this contract shall be payable by the Contractor. Percentage rate quoted by him shall be inclusive of such taxes, levies etc

and Government will not entertain any claim for reimbursement whatsoever in respect of the same. The percentage rates of the contract shall be inclusive of all taxes and levies and nothing extra shall be paid. Further the percentage rate quoted by the contractor shall be inclusive of labour welfare cess, water charges (if applicable), electricity charges (if applicable) and the same shall be recovered from the contractors' bills and will be remitted by the department.

9. After submission of bid online, it can be revised any number of times before specified time on last date of submission of bid. While submitting the revised bid, bidder can revise the rate of one or more item(s) any number of times (he need not re-enter rate of all the items) but before last time and date of submission of bid as notified.

10. Financial bids shall be opened online only for bidders for whom EMD and other documents are found in order and who are found to be eligible to bid for work. On opening date, the bidder can login and see the bid opening process. After opening of bids he will receive the competitor bid sheets.

11. If the contractor is found ineligible after opening of bids, his bid shall become invalid.

12. If any discrepancy is noticed between the eligibility documents as uploaded at the time of submission of bid and hard copies as submitted physically by the bidder, the bid shall become invalid and.

13. FRAUD AND CORRUPTION:

13.1 The Engineer-in-Charge will reject a proposal for award if he determines that the bidder recommended for award has been engaged in corrupt or fraudulent practices in competing for the contract in question. He will report to the Officer Inviting Bid / next higher authority.

13.2 Canvassing whether directly or indirectly, in connection with tenders is strictly prohibited & the tenders submitted by the contractors who resort to canvassing will be liable for rejection.

13.3 The Contractor shall be debarred for any period of time as decided by the AIIMS, Bhubaneswar Authority for the following reason-

(i) If the contractors submits false experience/completion certificates, **as mentioned in Ser. No. - 4(a), Page No. - 7 (refer under Eligibility Criteria)**. The department reserves the right to verify the particulars furnished by the applicant independently.

(ii) If the contractor fails to commence the work on or before the scheduled date stated in the work order.

(iii) Violates any important condition of contract.

14. List of Eligibility Documents to be uploaded and Hard Copy to be submitted in the office of the Executive Engineer (Civil) within the period of bid submission:-

(a) Original Copy of EMD in the form Demand Draft (DD) in favour of **AIIMS Bhubaneswar** payable at **Bhubaneswar**.

(b) Certificates of Work Experience & Completion Certificate of Similar work from Client not below the Rank of Executive Engineer, as mentioned in Ser. No. - 4(a), Page No. - 7 (refer under Eligibility Criteria).

(c) Certificate of Registration for GST and acknowledgement of up to date filed return if required.

(d) Copies of Contractor's License (Civil License).

(e) Copies of ESI Registration.

(f) Copies of EPF Registration.

(g) Details of Work Completed during last **07 (Seven) Years** (Appendix 'A') in page -11 and Detailed Information of Bidder (Appendix 'B') in page-12 duly completed and signed by the Bidder.

(h) Declarations to be given by the Tenderers (as per Page 06).

(i) Percentage Rate Tender & Contract (Page-13) and Affidavit (Page-23) to be given by Tenderers.

(j) Hard Copies of all tender documents under signature along with stamps of proprietor of agency/contractor should reach our office before last date of online submission.

15. The Technical Bid(s) shall be opened first by the Committee **on 05/07/2023 at 1600 Hours. The Financial Bid(s), whose Technical Bid(s) found to be eligible, will be opened later for which intimation will be given through Website. After the evaluation of the Bid(s) AIIMS, Bhubaneswar will award the contract to the Lowest Evaluated Responsive Tenderer. Conditional Bid(s) will be treated as unresponsive and will be rejected.**

16. Information & Instruction for Contractor will form Part of NIT.

**Executive Engineer (Civil),
AIIMS, Bhubaneswar**

DECLARATIONS
(TO BE GIVEN BY THE TENDERERS)

It is to certify that :-

(a) I /We have gone through GCC of CPWD up to latest correction as available on website of CPWD/
<https://eprocure.gov.in/eprocure/app> / www.aiimsbhubaneswar.nic.in or in the office of Superintendent Engineer and I/We agree with the terms and conditions of it and understood that it will form part of the agreement.

Date : _____

Signature of the Tenderer

(b) "I,S/o Shri resident of hereby certify that none of my Relative(s) is/are employed in AIIMS Civil Zone, Odisha. In case at any stage, it is found that the information given by me is false/incorrect, AIIMS shall have the absolute right to take any action as deemed fit without any prior intimation to me".

Date : _____

Signature of the Tenderer

NOTE : - (To be certified by all the partners in case of partnership firms, by all the directors in case of companies).

(c) "I/We undertake and confirm that eligible similar Work(s) has/have not been got executed through another contractor on back to back basis. Further, it is stated that, if such a violation comes to the notice of Department, than I/We shall be debarred for bidding in AIIMS in future forever. Also, if such a violation comes to the notice of AIIMS, Bhubaneswar before date of start of work, the Executive Engineer (Civil) shall be free to forfeit the entire amount of Performance Guarantee".

Date : _____

Signature of the Tenderer

GENERAL RULES & DIRECTIONS

Executive Engineer (Civil), AIIMS, Bhubaneswar invites on behalf of Executive Director, AIIMS, Bhubaneswar invites Percentage Rate Tender from Firms/Contractor of reputed/experienced Registered Contractors/Firms and other eligible firms having successfully completed works of similar nature as per eligibility conditions.

1. **Name of Work:** Provision of paver block , polishing of doors, connecting polycarbonate shed from block III to canteen, compound wall around six pole structure, expansion joint treatment, one number deep bore well and other miscellaneous civil works at Dharmasala complex, AIIMS, Bhubaneswar.

2. The work is estimated **Rs.62,88,431/- (Rupees Sixty Two Lakhs Eighty Eight Thousand Four Hundred Thirty One only)**. The estimate, however, is given merely as a rough guide.

3. Intending Bidder is eligible to submit the bid provided he has definite proof from the appropriate authority, which shall be to the satisfaction of the competent authority of having satisfactorily completed similar works. Bidders are instructed to visit the site before participating the tender. The Bidders are instructed to visit the site to know the nature of work before participating in the tender.

4. **Eligibility Criteria.** Contractor who fulfill following requirement shall be eligible to apply: -

- (a) Three (03) similar works, each of value **not less than 40%** of estimated cost put to tender or Two (02) similar works each of value **not less than 60%** of estimated cost put to tender or one (01) similar **(Civil)** work of value **not less than 80%** of estimated cost put to tender in **last 07 (Seven) Years** ending **30th April, 2023**.

Similar work means” **General Civil Engineering works”**.

- (b) The Bidder should have registration with **Employee Provident Fund (EPF) Commissioner** and **Employee State Insurance (ESI) Corporation**.

- (c) The experience of similar work should be from Central Govt., State Govt., PSU and Autonomous Body.

- (d) Agreements shall be drawn with the successful bidders for item/items on prescribed format. Bidders shall quote their percentage rates as per various terms and conditions of the said form which will form part of the agreement.

- (e) The site for the work is available.

- (f) The bid document consisting of plans, specifications, the schedule of quantities of the various type of items to be executed and the set of terms & conditions of the contract to be complied with and other necessary documents.

- (g) Conditional Bids shall not be considered and will be out-rightly rejected at the very first instance.

5. **Preparation & Submission of Tender through Online.** The Tender should be submitted in **02 (Two) parts i.e. Technical Bid and Financial Bid Respectively**. The Technical Bid should be uploaded by the Bidder through online as well as the hard copy is to be submit in the office of Executive Engineer (Civil) before the last of submission of the tender.

6. **Earnest Money Deposit.** The The bidder shall be required to submit the Earnest Money Deposit (EMD) for an amount of **2%** of Estimated cost by way of Demand Draft/Bank Guarantee only in favour of **AIIMS Bhubaneswar** payable at **Bhubaneswar**. Original Copy of the Demand Draft/Bank Guarantee must be uploaded/attached with the technical Bid. The EMD of the Successful Bidder shall be returned after the successful submission of Performance Security and for unsuccessful bidder's it would be returned after award of the contract. Bid's received without Demand Draft of EMD will be rejected.

(i) As per SOP No.5/1 & Clause No.6 of CPWD Manual-2022 the MSME firms registered in NSIC under PP policy are exempted from payment of EMD for supply of Goods & **Services** only.

- (ii) Micro and small Enterprises if registered with any government bodies specified by Ministry of Micro, Small & Medium Enterprises (M/o MSME) with valid certificate duly issued by GOI are exempted for submitting earnest money deposit (EMD).
- (iii) Other Firms, registered with MSME/NSIC with valid certificate duly issued by GOI are also exempted for submitting EMD. No other type of certificate is acceptable.
- (iv) The exemption and relaxation in EMD is subject to the validity & acceptance of their registration certificate on the date of opening of tender.

7. **Performance Guarantee.** The successful contractor will be required to furnish a **Performance guarantee of 03% (Three Percent) of Contract Value** after receiving notification of award ***in the form of Fixed Deposit Receipt or Demand Draft or Bank Guarantee from any Nationalized Bank duly pledged in the name of the "All India Institute of Medical Sciences, Bhubaneswar"*** which shall be kept valid for a period of 60 days beyond completion of all the contractual obligations. The Performance Guarantee can be forfeited by order of this Institute in the event of any breach or negligence or non-observance of any condition of contract or for unsatisfactory performance or non-observance of any condition of the contract. After recording of the completion certificate for the work by the competent authority, the performance guarantee shall be returned to the contractor, without any interest. In case the contractor fails to deposit the said Performance Guarantee within the period including the extension period if any, he/she will be debarred for a period of one year and EMD will be forfeited.

8. Intending Bidders are advised to inspect and examine the site and its surroundings and satisfy themselves before submitting their bids, the means of access to the site, the accommodation they may require and in general shall themselves obtain all necessary information as to risks, contingencies and other circumstances which may influence or affect their bid. A bidder shall be deemed to have full knowledge of the site whether he inspects it or not and no extra charge consequent on any misunderstanding or otherwise shall be allowed. The bidders shall be responsible for arranging and maintaining at his own cost, all materials, tools & plants, water, electricity access, facilities for workers and all other services required for executing the work unless otherwise specifically provided for in the contract documents. Submission of a bid by a bidder implies that he has read this notice and all other contract documents and has made himself aware of the scope and specifications of the work to be done and of conditions.

9. The Tender paper/documents can be seen/ downloaded from Official website & submitted through Online or Site. For any query, Executive Engineer (Civil), AIIMS, Bhubaneswar, may be contacted.

10. The competent authority on behalf of the Executive Director, AIIMS, Bhubaneswar does not bind itself to accept the lowest or any other bid and reserves to itself the authority to reject any or all the bids received without the assignment of any reason. All bids in which any of the prescribed condition is not fulfilled or any condition including that of conditional rebate is put forth by the bidder shall be summarily rejected.

11. Canvassing whether directly or indirectly, in connection with bidders is strictly prohibited and the bids submitted by the contractors who resort to canvassing will be liable to rejection.

12. The Competent Authority, The Executive Director, AIIMS, Bhubaneswar reserves to himself the right of accepting the whole or any part of the bid and the bidder shall be bound to perform the same at the rate quoted. Some of the items of the Schedule of Quantities may be executed partially or may not be executed at all depending upon the site requirement which will be decided by Engineer in charge.

13. The contractor shall not be permitted to bid for works in the AIIMS, Bhubaneswar responsible for award and execution of contracts, in which his near relative is posted as an officer in any capacity between the grades of Superintending Engineer and Junior Engineer (both inclusive). He shall also intimate the names of persons who are working with him in any capacity or are subsequently employed by him and who are near relatives to any gazetted officer in the AIIMS, Bhubaneswar. Any breach of this condition by the contractor would render him liable to be removed from the approved list of contractors of this Department.

14. No Engineer of Gazetted Rank or other Gazetted Officer employed in Engineering or Administrative duties in an Engineering Department of the Government of India is allowed to work as a contractor for a period of one year after his retirement from Government service, without the prior permission of the Government of India in writing.

This contract is liable to be cancelled if either the contractor or any of his employees is found any time to be such a person who had not obtained the permission of the Government of India as aforesaid before submission of the bid or engagement in the contractor's service.

15. The bid for the works shall remain open for acceptance for a period of 75 days from the date of opening of bids.

16. **The Agency shall submit Post Card size Coloured Photographs showing different stages of construction activities at his own Cost.**

17. This notice inviting bid shall form a part of the contract document. The successful bidder/ contractor, on acceptance of his bid by the Accepting Authority shall within 15 days from the stipulated date of start of the work, sign the contract consisting of "The Notice Inviting bid, all the documents including additional conditions, specifications and drawings, if any, forming part of the bid as uploaded at the time of invitation of bid and rate quoted online at the time of submission of bid and acceptance thereof together with any correspondence leading thereto.

18. (a) **Security Deposit equal to 2.5% of the Contract Value will be deducted from the Bills of the Contractor.**

(b) **The Income Tax as applicable shall be deducted from the Bill unless exempted by the Income Tax Department.**

(c) **The quoted Rates shall be inclusive of GST.**

(d) **Labour CESS @ 01% will be deducted from the Bill.**

(e) **Electrical charges as per actual meter reading shall be deducted from the bill. If connection is taken directly without installation of meter with prior permission from Executive Engineer (Electrical), then amount as per the usage shall be deducted from the gross bill amount as suggested by Executive Engineer (Electrical).**

(f) **Water Charges @ 1% of the Gross Bill Amount will be deducted, if water Supply is taken from, AIIMS, BBSR**

19. **All the work shall be completed within 06(SIX) Months from the date of issue of work Order by the Institute. All the aspects of safe installation shall be the exclusive responsibility of the Contractor. If the contractor fails to complete the work on or before the stipulated date, then a penalty at the Rate of 01% per month of delay to be computed on per day basis based on quantum of damage suffered due to stated delay on the part of the contractor (as per GCC – 2020) shall be levied subject to maximum of 10% of the accepted tendered valued of the work.**

20. List of Documents to be submitted along with the Technical Bid and hard copy to be submitted in the office of EE(Civil).

(a) Demand Draft of any scheduled Bank against EMD in favour of **AIIMS Bhubaneswar** payable at **Bhubaneswar**.

(b) Page No-11 & 12 (Appendix A & B) duly filled in.

(c) Certificates of Work Experience & Completion Certificate of Similar Work from Owner.

(d) Certificate of Registration for GST and acknowledgement of up to date filed return if required.

(e) All documents as per Ser. No. 14 (a) to (j) (Page - 05 refers).

21. The condition of the contract shall be governed by CPWD GCC-2020 and corrected upto latest correction slip.

22. **Goods & Service Tax (GST).**

(a) **General remarks on Taxes & Duties. In view of GST Implementation from 01st Jul 2017, all Taxes and Duties including Excise Duty, GST/VAT, Service Tax, Entry Tax and other indirect Taxes and Duties have been submerged in GST. Accordingly, reference of Excise Duty, Service Tax, VAT, Entry or any other form of Indirect Tax except of GST mentioned in the Bidding Documents shall be ignored.**

(b) **Bidders are required to submit copies of the GST Registration Certificate while Submitting the Bids wherever GST (CGST & SGST/UGST or IGST) is applicable.**

(c) **Quoted Price/Rate(s) should be inclusive of All Taxes and GST (i.e. IGST or CGST and SGST/UTGST applicable in case of Inter-State supply or Intra State Supply Respectively and CESS on GST if applicable) on the Final Service. Please note that the Responsibility of Payment of GST (CGST, SGST, IGST or UTGST) lies with the supplier of Goods/Services (Service Provider) only. Supplier of Goods/Service (Service Provider) providing Taxable Service shall submit an Invoice/Bill, as the case may be as per Rules/Regulations of GST. Further, Returns and details required to be filled under GST Laws & Rules should be timely filled by Supplier of Goods/Service (Service Provider) with requisite details.**

(d) **The supplier/Contractor/Firm is advised to comply all the GST Norms as per Rules. Accordingly, Supplier/Contractor/Firm is to submit the Original Challan/Voucher justifying that it has been actually and genuinely paid to the Govt. at the time of submission of Bills to Finance Wing for release of Payments.**

23. The Agency shall be solely responsible for compliance to the provisions of various Labour and industrial laws, such as, wages, allowances, compensations, EPF, Bonus, Gratuity, ESI etc. relating to personnel deployed by it at AIIMS, Bhubaneswar site or for any accident caused to them and the institute shall not be liable to bear any expense in this regard. The Agency shall make payment of wages to workers engaged by it by the stipulated date irrespective of any delay in settlement of its bill by AIIMS, Bhubaneswar for whatever reason. The Agency shall also be

responsible for the insurance of its personnel. The Agency shall specifically ensure compliance of various Laws / Acts, including but not limited to with the following and their re-enactments / amendments / modifications: -

- (a) The Payment of Wages Act 1936.
- (b) The Employees Provident Fund & MP Act, 1952.
- (c) The Contract Labour (Regulation) Act, 1970.
- (d) The Payment of Bonus Act, 1965.
- (e) The Payment of Gratuity Act, 1972.
- (f) The Employees State Insurance Act, 1948.
- (g) The Employment of Children Act, 1938.
- (h) The Motor Vehicle Act, 1988.
- (j) Minimum Wages Act, 1948.

24. Termination of Contract.

AIIMS, Bhubaneswar would have the right to terminate the contract, in case the work performance is not up to the standard, or in case there is any violation of AIIMS, Bhubaneswar rules & regulations, or if there is any lapse in compliance of any labour legislation, or if there is any incident of indiscipline on the part of the Tenderer or his staff and the agreement may be terminated. The decision of AIIMS, Bhubaneswar's management in this regard would be final and binding on the Tenderer. In such an event, AIIMS, Bhubaneswar shall have the right to engage any other tenderer to carry out the task.

25. Arbitration.

The Arbitration shall be held in accordance with the provision of the Arbitration and conciliations Act, 1996 and the venue of arbitration shall be at Bhubaneswar. The decision of the Arbitrator shall be final and binding on the both parties.

26. Dispute Settlement.

It is mutually agreed that all differences and disputes arising out of or in connection with this agreement shall be settled by mutual discussions and negotiations if such disputes and differences cannot be settled and resolved by discussions and negotiations then the same shall be referred to the sole Arbitrator appointed by the Executive Director, AIIMS, BHUBANESWAR whose decision shall be final and binding on both the parties. The contract shall be governed by laws and procedures established by Govt. of India, within the framework of applicable legislation and enactment made from time to time concerning such commercial dealings/ processing.

27. The eligible bidders shall quote percentage rates after considering all the major as well as minor components. The Lowest Bidder will be decided as per the percentage quoted.

28. Payment:

(a) 100% payment will be released after due verification of final bill by Engineering-in-Charge or his representative after completion of work. The deduction of 2.5% towards security deposit and other deduction towards taxes as per Government of India/AIIMS rule will be made from the bill. RA bill will be released on request basis to the agency.

(b) It will be mandatory for the bidders to indicate their bank account number and other relevant payment details so that payment could be made through RTGS/ Other mechanism.

29. GST and other Taxes as applicable shall be recovered/ paid from the contractor's bill as per Govt. of India/AIIMS Rules.

30. Defect Liability Period:

The DLP for this work is 1 year except for expansion joint treatment work for which the contractor must provide a Guarantee bond of **2.5% of the tendered cost for the expansion joint treatment work for a period of 5 years** from the date of completion of the subject work as certified by Engineer-in-Charge. During this period the agency is responsible for rectifying any defects or faults that may arise without any extra cost.

31. Vendor shall submit the following documents after execution of given work:

- (a). Work Completion Certificate (Final Bill)
- (b). Testing & Commissioning Certificate
- (c). Material Test Certificate
- (d). Warranty/Guarantee Certificate
- (e). Colour Photos for executed work on glossary paper
- (f). Non-Claim Certificate (NCC) regarding work
- (d). GST return up to date Voucher
- (e). Bank Account Details
- (f). 36(i) Certificate for engagement of Technical Staff

Executive Engineer (Civil)
AIIMS, Bhubaneswar

FORM FOR DETAILS OF ALL WORKS OF SIMILAR CLASS COMPLETED DURING THE LAST 07 (SEVEN) YEAR

Ser. No.	Name of Work/ Project	Location	Owner or Sponsoring Organization	Cost of Work in Lakhs	Date of Commencement as per Contract	Stipulated date of Completion	Actual date of Completion	Litigation/ Arbitration pending/ In progress with details	Remarks
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(j)	(k)
1.									
2.									
3.									
4.									
5.									
6.									
7.									

(Authorized Signature of the Bidder with Seal)

FORM FOR DETAILED INFORMATION BY BIDDER

Name of Firm/Contractor/Supplier	:
Complete Address and Telephone Number	:
Name of Proprietor/Partner/Managing Director/Director	:
Phone Number	:
Mobile Number	:
e-Mail ID	:
Name and address of service center nearby Bhubaneswar	:
Whether the firm is a registered Firm (Yes/No. Attach Copy of Certificate)	:
PAN Number. (enclose the attested copy of PAN Card)	:
Service Tax Number. (enclose the attested copy of VAT Certificate)	:
GST Number (enclose the attested copy of VAT Certificate)	:
Whether the firm has Uploaded the Bank Draft/Pay Order/ Banker's Cheque of Earnest Money Deposit (EMD).	:
EPF No. (Enclose the attested copy of EPF Registration Certificate)	:
ESI Code.	:
Any other information, if necessary.	:

(Authorized Signature of the Bidder with Seal)

Percentage Rate Tender & Contract for Works

(To be Submitted on Non Judicial Stamp Paper of Rs 10/- or above)

e-Tender for the Work of “Provision of paver block , polishing of doors, connecting polycarbonate shed from block III to canteen, compound wall around six pole structure, expansion joint treatment, one number deep bore well and other miscellaneous civil works at Dharmasala complex, AIIMS, Bhubaneswar.”

To be submitted online by :

- | | | |
|-----|--|--|
| (a) | Time and date of online Opening of Technical Bids. | <u>: 05/07/2023 at 1600 Hours.</u> |
| (b) | Time and date of opening of Online Financial Bids. | <u>: To be intimated later through website.</u> |

T E N D E R

I/We have read and examined the notice inviting tender, schedule along with Appendices 'A' to 'F' as per Specifications applicable, Drawings & Designs, General Rules and Directions, Conditions of Contract, Clauses of Contract, Special Conditions, Schedule of Rate & other documents and Rules referred to in the conditions of contract and all other contents in the tender document for the work.

If I/We, fail to furnish the prescribed Performance Guarantee within prescribed period, I/We agree that the said Executive Director, AIIMS, Bhubaneswar or his successors, in office shall without prejudice to any other right or remedy, be at liberty to debar me for 01 (One) year. Further, if I/We fail to commence work as specified, I/We agree that Executive Director, AIIMS, Bhubaneswar or the successors in office shall without prejudice to any other right or remedy available in law, be at liberty to suspend me for one year. The said performance guarantee shall be a guarantee to execute all the works referred to in the tender documents upon the terms and conditions contained or referred to those in excess of that limit at the rates to be determined in accordance with the provision contained in the tender form. Further, I/We agree that in case of non-submission of Performance Guarantee as aforesaid, I/We shall be debarred for participation for one year in the tendering process of the work and EMD will be forfeited.

I/We undertake and confirm that eligible similar work(s) has/have not been got executed through another contractor on back to back basis. Further that, if such a violation comes to the notice of AIIMS, Bhubaneswar, then I/We shall be debarred for tendering in AIIMS, Bhubaneswar in future forever. Also, if such a violation comes to the notice of AIIMS, Bhubaneswar before date of start of work, the Administrative Officer shall be free to forfeit the entire amount of Performance Guarantee.

I/We hereby declare that I/We shall treat the tender documents drawings and other records connected with the work as secret/confidential documents and shall not communicate information/derived there from to any person other than a person to whom I/We am/are authorized to communicate the same or use the information in any manner prejudicial to the safety of the State.

Dated: * _____

Witness: *

Occupation: *

Signature of Contractor
with full Postal Address

Address: *
(* To be filled in by the Contractor.)

SPECIAL CONDITIONS OF CONTRACT

Name of Work : **Provision of paver block , polishing of doors, connecting polycarbonate shed from block III to canteen, compound wall around six pole structure, expansion joint treatment, one number deep bore well and other miscellaneous civil works at Dharmasala complex, AIIMS, Bhubaneswar.**

1. **Discrepancy between Specifications.** In case of discrepancy in the specifications or any other matter, the matter shall be brought by the contractor to the notice of the Engineer-in-Charge for further decision.
2. **Contractor to employ Qualified Supervisor.** The contractor shall employ Skilled Engineer/Supervisor to supervise and execute the work.
3. **Inconvenience to the Public.** The Contractor shall not deposit or store any materials at any site without permission of the Engineer in charge. The materials will be stored at such places only with prior approval of the Engineer in charge as there is no obstruction in Traffic or other Agencies.
4. **The provision against Accident & Safety Measures.**
 - (a) The Contractor will take all necessary precautions against a Fire during the course of his work and will ensure the work against Fire at his own cost.
 - (b) He will also take all care against likely damage of Floor, Walls, Doors, Windows or any part of the Building. In case of any damage or loss, the contractor has to make good at his own cost.
5. **Specifications.** The work shall be carried out as per CPWD Specifications Volume I & II 2019 with up to date correction slips. The contractor should be well aware of these specifications before quoting the rates in Financial Bid for the subject tender. In the absence of specifications for any work or material, relevant Indian Standard (ISI) Specification shall be applicable.
6. **Cleaning the Site.** The site described and shown on the plans, shall be cleared off all the rubbish of all kinds etc. complete. After completion of the work and the site shall be handed over in neat and clean condition.
7. **Secrecy.** In a view to safeguard the Secrets & Confidential information relating to All India Institute of Medical Science, Bhubaneswar, the Tenderer binds himself and his successors to secrecy & contracts to bind to secrecy of his Officials, Managers, Technical Senior Staff & all other staff directly or indirectly concerned in or whom have to acquire information relation to the AIIMS, Bhubaneswar equipment and the Tenderer shall access to any such information.
8. **Security Rules.** The Contractor shall follow at Site Security rules regarding removal of materials from site, issue of materials from site, issue of materials from stores, issue of Identity Card etc., as may be framed from time to time by the Engineer. It is to note that the Security Section is empowered to carry out the checks.
9. **Care in case of occupied buildings.** Tenderer may also note that when the subject work is to be carried out in the premises of occupied residential and other buildings which are already under occupation, all care shall be taken to protect personal and/or Government materials fixtures, appliances, equipment's etc. In case of any damage to any of the existing arrangements, contractor is liable to do such work to its original and/or shall be liable to pay the cost of such damages/losses. The work shall be carried in close co-ordination with occupants of these buildings without any hindrance and interruption.
10. **Supply of Tools, Tackles & other materials.** For full completion of the work, Contractor shall at his own expense arrange and furnish all necessary work tools, tackles, scaffolding, tagaries, mugs, scrappers, wire brushes etc., that may be required to complete the work under contract.
11. **Inspection of Work.** Engineer or any person appointed by them shall have access and right to inspect the work, or any part thereof at all times and places during the progress of the work. The inspection and supervision is for the purpose of assuring owner and/or Engineer in charge and their representative will extend to contractor all desired assistance in interpreting the plans and specifications, all such assistance shall not relieve contractor from any responsibility for the work. Contractor without delay shall correct any work, which proves faulty.
12. **Wastage.** The contractor should note that wastage of any items shall not be paid extra. The items shall be paid based on the executed work at site. All coefficients shall be as per relevant IS code.

13. Contractor shall take all precautionary measures to avoid any damages to adjoining property. All necessary arrangement shall be made at his own cost.
14. The contractor shall take instructions from the Engineer-in-Charge regarding collection and stacking of materials at any place. No excavated earth or building rubbish shall be stacked on areas where other buildings, roads, services and compound walls are to be constructed.
15. Normally, Contractors shall not be allowed to work at night. Work at night shall, however, be allowed if the site condition/circumstances so demand. However, if the work is carried out in more than one shift or at night, no claim on this account shall be entertained. In such situations, the Contractor shall make available to the department in proper means of transport such as vehicle at his own cost.
16. The contractor shall be responsible for the procurement of all the materials required to complete the work.
17. The contractor shall be deemed to have examined the Contract documents, to have generally obtained his information in all matters whatsoever that might affect the carrying out the works at the quoted rates and to have satisfied himself to the sufficiency of the tender. Any error in description or quantity or any other aspect in quoted rates or omission there from shall not vitiate the contract or release the contractor from executing the work comprised in the contract as per drawing and specification at the scheduled rates. He is deemed as an experienced contractor to know the scope, nature and magnitude of works and the requirements of material and labour and the type of work involved, etc. and as to what all work he has to complete in accordance with contract document whatever be the defects, omissions or errors that may be found in the contract document. The contractor shall be deemed to have visited the site and its surroundings to have satisfied himself as to the nature of all existing structures, if any and also to the nature and means of transport and communication to have access to and regress from the site.
18. All materials issued in the works shall be subjected to inspection and tests if required by Engineer in charge. Samples required for approval and testing must be supplied with sufficient time allowed for testing and approval. Materials shall be tested on site if required by Engineer in Charge and they may be rejected if found not suitable or not in accordance with the specification or Test certificate or any approval given earlier. The contractor shall carry out necessary test as per the direction of Engineer in charge in approved NABL/ Govt. laboratories. **The expenses towards all such tests are to be borne by the contractor at his own cost.** Tests shall be conducted as per relevant Indian Standard Specifications.
19. All manufacturer's certificates of tests showing that the material have been tested in accordance with the requirement of the appropriate Indian standard, other relevant specification are to be supplied free of charge.
20. All Electrical Connections/Wirings etc. (if required) for the work shall have to be taken from the nearest source with prior permission from Executive Engineer (Electrical). All expenses on this account shall be borne by the contractor. The electrical expenses shall be charged based on the meter reading. If connection is taken directly without installation of meter, then then amount as per the usage of electrical equipment shall be deducted from the gross bill amount as suggested by Executive Engineer (Electrical).
21. Water if available may be supplied to the contractor by the department subject to the following conditions: -
(i) The water charges @ 1 % of the gross bill amount shall be recovered on gross amount of the work done if it is taken departmentally.
(ii) The contractor(s) shall make his/their own arrangement of water connection and laying of pipelines from existing main of source of supply at his own cost.
(iii) The Department do not guarantee to maintain uninterrupted supply of water and it will be incumbent on the contractor(s) to make alternative arrangements for water at his/ their own cost in the event of any temporary break down in the Government water main so that the progress of his/their work is not held up for want of water. No claim of damage or refund of water charges will be entertained on account of such break down.
22. The contractor shall engage necessary staffs/ technical person as per Clause 36(i) of Schedule 'F' as per this tender document. The name, qualification and technical experience of the contractor representative shall be submitted to the Engineer in charge before start of the work. Violation of this clause will lead to non-compliance and recovery will be made as per Clause 36(i) of Schedule 'F'.
23. Required safety measures is to be adopted before starting chipping/scaffolding works so that any inconvenience may not be faced.

24. The contractor must provide a Guarantee bond of **2.5% of the tendered cost for the expansion joint treatment work for a period of 5 years** from the date of completion of the subject work as certified by Engineer-in-Charge. During the period of guarantee, the contractor shall make good all defects and in case of any defect being found, render the building to the satisfaction of the Engineer-in-Charge at his cost, and shall commence the work for such rectification within seven days from the date of issue of the notice from the Engineer-in-Charge calling upon him to rectify the defects, failing which the work shall be got done by the Department by some other contractor at the contractor's cost and risk. The decision of the Engineer-in-Charge as to the cost, payable by the Guarantor shall be final and binding. That if contractor fails to execute the work thereunder then the contractor will indemnify the Principal and his successors against all loss, damage, cost, expense or otherwise which may be incurred by him by reason of any default on the part of the contractor in performance and observance. As to the amount of loss and/or damage and/or cost incurred by the Government the decision of the Engineer-in-Charge will be final and binding on the parties.

25. Works may be carried out any floor level. So, tenderers are advised to visit the site thoroughly and understand the nature and scope of the works and be familiar with the site conditions before quoting.

26. The contractor before execution of the polycarbonate shed work must get the drawing and design approved from any structural consultant with duly vetting the same from any Government Engineering College after which he will be allowed to execute the work. **All expenses for the above activity shall be borne by the contractor.**

27. The contractor shall carry out soil exploration and investigation in the Dharmasala location to obtain the location of the bore well. The soil exploration report shall be submitted to the Engineer in charge. The minimum yield from the bore well should be 7500 lph. The contractor shall be allowed to dig the bore well in the location as per the soil exploration report where there is adequate ground water potential i.e minimum yield of 7500 lph. **All expenses for the above activity shall be borne by the contractor.** If no such location is found or the bore well dug is having the yield less than 7500 lph, then the bore well items in the BOQ (Item no 41 to 59) shall not be executed or paid respectively.

28. LIST OF APPROVED MAKE OF MATERIALS

Specification/brands names of materials (Refer materials, whichever are applicable for the scope of work) and finishes approved by the Engineer-in-Charge are listed below. However, approved equivalent material and finishes of any other specialized firms may be used, in case it is established that the brands specified below are not available in the market but only after approval of the alternate brand by the Engineer-in-Charge.

Srl	Materials	Approved Make
1	CEMENT(OPC/ PSC / PPC)	ACC, ULTRATECH,DSP, RAMCO, JSW
2	WHITE CEMENT	J.K. WHITE, BIRLA WHITE
3	REINFORCEMENT STEEL	RINL, SAIL, TATA STEEL, JSW STEEL
4	STRUCTURAL STEEL SECTIONS & STAIN LESS STEEL	TATA, JINDAL, SAIL,RINL
5	HARDENERS	IRONITE, FERROK, HARDONATE
6	AAC BLOCKS	ECOREX, KONCRETE, FAST BUILD, BILT, SIPOREX.
7	POLY-SULPHIDE SEALENT,	PIDILITE, FOSROC, SIKA, BASF, SHALIMAR
8	DAMP PROOF MATERIAL	IMPERMO, DURASEAL, ACCO-PROOF.
9	ADMIXTURE	FOSROC, SIKA, BASF
10	WATER PROOFING COMPOUND	TAPECRETE, CICO, FOSROC, PIDILITE,SIKA
11	BITUMEN	INDIAN OIL, HINDUSTAN PETROLEUM.
12	LOCKS/LATCH	GODREJ, HARRISON, PLAZA, DORSET.
13	LAMINATES	FORMICA, DECOLAM, MERINO, GREENLAM
14	WIRE MESH (MS/SS)	TRIMURTY WELDED MESH, GKD.
15	ADHESIVE	PIDILITE, DUNLOP, CICO.
16	EPOXY MORTAR	FOSROC, SIKA. CICO.
17	DASH FASTNERS	HILTI, FISCHER, BOSCH.

18	FLUSH DOOR SHUTTERS (DECORATIVE/NON DECORATIVE).	As Approved by department.
19	FRP	POLYLINE, DUROPLAST, RAJSHRI. DURA SLEEK
20	BOARD & PLYWOOD	DURO, KITPLY, CENTURY, GREEN PLY, ARCHID.
21	HYDRAULIC DOOR CLOSER/FLOOR SPRING	HARDWYN, GODREJ, DORSET
22	S.S.STAIRCASE RAILING	CONNECT ARCHITECTURAL PRODUCTS PVT.LTD, JINDAL STAINLESS STEEL LTD.
23	FIRE CHECK DOOR	GODREJ, ROMAT.
24	ANODISED ALUMINIUM HARDWARE (HEAVY DUTY)	HARDIMA, EVERITE, SIGMA (ISI MARKED).
25	CLEAR/ FLOAT/ TOUGHENED GLASS	MODI FLOAT & SAINT GOBAIN, ASAHI.
26	FIRE RATED GLASS	ST.GOBAIN, PILKINGTON, SCHOTT, FIRELITE.
27	ALUMINIUM SECTIONS	JINDAL, HINDALCO, INDALCO, ALOM, EXTRUSIONS.
28	FRICTION STAY HINGES	EARL-BIHARI, ETTA.
29	EPDM GASKET	HANU/ANAND.
30	STRUCTURAL SILICON	DOW CORNING/WACKER, GE.
31	WEATHER SILICON	DOW CORNING/WACKER, MCCOY, SOUDAL.
32	CERAMIC TILES	OASIS, RAK, ORIENT BELL, AGL. M/S PRISM JOHNSON LTD, SOMANY.
33	CEMENT CONCRETE TILES/HARDONITE TILES	NITCO, HINDUSTAN, LAKSMI.
34	VITRIFIED TILES	RAK, ORIENT BELL, AGL., SOMANY, KAJARIA
35	TACTILE TILE	JOHNSON, SUNHEART, AGL
36	TILE ADHESIVE	CICO, PIDILITE, FERROUS, HIND FIX TA. ASIAN
37	CC PAVERS/GRASS PAVER	NITCO-(ROCKARD), BHARAT-(NILSAN) REGENCY, ULTRA, EURCON, LAKSHMI
38	ACRYLIC EMULSION PAINT (EXTERIOR)/SYNTHETIC ENAMEL/DISTEMPER/EPOXY	ASIAN, ICI DULUX, BERGER
39	TEXTURED PAINT (INTERIOR)	BERGER, ASIAN, SNOWCEM.
40	ACRYLIC EMULSION (INTERIOR)	ROYAL (ASIAN), VELVET TOUCH (ICI DULUX), BERGER SURFA COATS
41	CEMENT PRIMER	DECOPRIME (ASIAN), WHITE PRIMER (ICI DULUX), BERGER, SURFA COATS
42	VITREOUS CHINA SANITARYWARE	RAK SANITARYWARE, PARRYWARE, HINDWARE, JAQUAR, CERA
43	FIRECLAY SINK & DRAIN BOARDS	PARRY, SUNFIRE, HINDWARE
44	STAINLESS STEEL SINKS	NILKANTH, NIRALI, JAYNA
45	LA(CI) PIPES	RIF, NECO, ELECTRO STEEL, KESORAM
46	G.I.PIPES	TATA, JINDAL.
47	G.I.FITTINGS (MALLEABLE CAST IRON)	UNIK, ZOLOTO.
48	STONEWARE PIPE & GULLY TRAPS	PERFECT, PARRY, ANANT, SFMC, BURN.
49	R.C.C. PIPES- (NP-2)	As Approved by department.
50	MS PIPES	ELECTRO STEEL, SAIL, TISCO, JINDAL.
51	UPVC/CPVC PIPE	SUPREME, PRINCE, FINOLEX, SFMC., AJAY, ASHIRVAD, ORIPLAST
52	GUNMETAL VALVES	LEADER, SANT, ZOLOTO.

53	C.I.DOUBLE FLANGED SLUICE VALVES.	KIRLOSKAR, IVC, BURN, SONDHI, KEJRIWAL
54	BALL VALVES	ZOOTO, IBP, ARCO.
55	SPIDER FITTINGS	DORMA, SEVAX.
56	MINERAL FIBRE FALSE CEILING	ARMSTRONG OR EQUIVALENT AS PER RELEVANT IS CODE.
57	FIRE RATED DOOR CLOSER	DORMA, MARSHALL, INGERSOLLRAND, D- LINE.
58	C.P.BRASS FITTINGS	PLAYER, JAQUAR, MARC, PARRYWARE, HINDWARE, KINGSTON
59	PPR PIPES & FITTINGS	SFMC, SAFE, SUPREME ASTRAL.
60	POLYESTER POWDER COATING SHADES	NEROLAC, BERGER, J&N.
61	HARDNERS	IRONITE, FERROK, HARDOMATE, FOSROC
62	PVC WATER TANK	SINTEX, SPL, SFMC.
63	WOOD/STEEL FIRE RATED DOOR SHUTTER	SHAKTI MET, GODREJ, PROMAT, KUTTI
64	INTUMESCENT STRIP FOR FRD SHUTTERS	INTUMEX, ASTOFLAME, LORIENT, RAVEN
65	FALSE CEILING SYSTEM ALONG WITH SUPPORTING GRID AND MINERAL FIBRE TILES	ARMSTRONG, USG, AURA (ASIPL), BORAL
66	FALSE CEILING SYSTEM ALONG WITH SUPPORTING GRID AND CALCIUM SILICATE BOARD/TILE	ST.GOBAIN GYROC, BORAL, HILUX, AEROLITE.
67	FALSE CEILING SYSTEM ALONG WITH SUPPORTING GRID AND ROCKWOOL/GLASSWOOL ACOUSTICAL TILES	ARMSTRONG, USG, ECOPHONE, DECOSONIC, AEROLITE
68	FALSE CEILING SYSTEM ALONG WITH SUPPORTING GRID AND METALLIC TILES	ARMSTRONG, HUNTER DOUGLAS, AURA (ASIPL), LLOYED.
69	ACCOUSTIC TILES FOR HIGH FREQUENCY ABSORPTION	ARMSTRONG, USG, DECOSONIC, BORAL, AEROLITE
70	GRG TILE FOR FALSE CEILING	DECOSONIC, SAINTGOBAIN, ARMSTRONG, CKM
71	FIBRE GLASS ACOUSTICAL WALL PANELLING	DECOSONIC, ARMSTRONG, ECOPHONE (SAINTGOBIN), AEROCIL, ANUTONE
72	ALUMINIUM FALSE CEILING	ARMSTRONG .
73	FIRE RATED SS BALL BEARING HINGES	DORMA, MARSHALL, INGERSOLL RAND, D- LINE, DORSET.
74	FIRE RATED PANIC BAR/ PANIC TRIM	DORMA, MARSHALL, INGERSOLL RAND, D- LINE
75	CLAMP SYSTEM FOR DRY STONE CLADDING	HILTI, FISCHER, BOSCH
76	STONE ADHESIVE	FERROUS CRETE (FERRO-113), ARDEX ENDURA (DIAMOND STAR), PIDILITE (ROOF STONE ADHESIVE)
77	GYPSUM PLASTER	FERROUS CRETE (FERRO- 500), GYPROC SAINT GOBAIN (ELITE-90), BORAL (BORAL GYPSUM)
78	PUTTY	J.K.WHITE, BIRLA WHITE, ASIAN
79	MIRROR (BALCONY/RAILING GLASS)	SAINT GOBAIN, MODI GUARD, AIS
80	BACKER ROD	SUPREME IND LTD, SYSTRANS POLYMERS
81	EPDM ACOUSTICAL, FIRE SEAL	ENVIROSEAL

82	CI MANHOLE FRAME & COVERS AND GI GRATING	NECO, RIF, SKF, or as Approved by department
83	SFRC MANHOLE COVERS & GRATING	as Approved by department
84	PTMT FITTINGS	PRAYAG POLYMER PVT. LTD, PRINCE
85	ACP FOR CLADDING	ALUDECOR, ALSTRONG.
86	APP WATERPROOFING MEMBRANE	STP LTD, TEXSA, BITUMAT CO.LTD, DERMABIT, GRACE, BENGAL BITUMEN, PIDILITE.ASIAN
87	CURING COMPOUND	FOSROC, SIKA, BASF
88	LAMINATE FLOORING	ARMSTRONG, PERGO
89	LINOLEUM FLOORING	TARKETT, FORBO, WIKENDER
90	EXPANSION JOINTS	CONSTRUCTION SPECIALITIES, ARCHITECTURE SPECIALITY PRODUCT (ASP), Miska & EMSEAL
91	POLYCARBONATE ROOFING SYSTEM	GE LEXAN, DAN PAL, POLYGAL.
92	SOIL WASTE & VENT PIPES & FITTINGS CENTRIFUGAL CAST IRON	NECO, SKF, BIC, KAPILANSH, RAJ(RPMF)
93	CONCRETE ADHESIVE	HIND PLAST SUPER.
94	INTERGAL WATER PROFING COMPOUNDS FOR CEMENT MORTAR & CONCRET	HIND PROOF NO.1. ASIAN
95	SS DOOR/WINDOW FITTINGS	DORSET, HETTICH, GODREJ, HARRISON.
96	UPVC DOORS & WINDOWS	FENESTA, ALUPLAST, DUROPLAST, KOMMERLING
97	CENTRIFUGAL HUBLESS CAST IRON PIPE & FITTINGS	NECO, SKF, KAPILANSH, RAJ(RPMF)
98	PRE-COATED GI SHEET FOR ROOFING	JINDAL SAW, TATA BLUE SCOPE, NIPPON DENDRO
99	RIGID PVC RAIN WATER PIPE AS PER IS:13592 & FITTING AS PER IS:14735	M/s. HSIL Limited, ASHIRVAD, ASTRAL, KSR by KISAN IRRIGATION.

ELECTRICAL TECHNICAL SPECIFICATION

29. WIRING

1. GENERAL

Technical specifications in this section cover the Internal Wiring Installations comprising of Wiring for convenience socket outlet in surface/concealed conduit.

2. STANDARDS AND CODES.

Latest upto date Indian Standard (IS) and Code of practice will apply to the equipment and the work covered by the scope of this contract. In addition, the relevant clauses of the Indian Electricity Act 1910 and Indian Electricity Rules 1956 as amended upto date shall also apply. Wherever, appropriate Indian Standards are not available, relevant British and/or IEC Standard shall be applicable.

3. CONDUITS.

3.1. MS CONDUITS. Wiring shall be carried out in surface/concealed conduits. The MS conduits conform to Latest and shall be ISI embossed. The conduits shall be heavy gauge (minimum 2 mm wall Thickness) and the interiors of the conduits shall be free from all obstructions. All joints in conduits shall be tightening properly with socket. Damage conduits/fittings shall not be used. Cut ends of conduits shall not have sharp edges.

3.2. BENDS. As far as possible, the conduit system shall be so laid out that it shall obviate use of tees, elbows and sharp bends. No length of conduit shall have more than the equivalent of two quarter bends from inlet to outlet.

3.3 CONDUIT ACCESSORIES

3.3.1 STANDARD ACCESSORIES. The conduit wiring system shall be completed in all respects, including their accessories. Bends, couplers, Dip junction Boxes etc. shall be solid or inspection type as required, in surface type or works. The accessories shall conform in all respects to the relevant IS. Samples shall be got approved by Executive Engineer (Electrical) before use.

3.3.2. FABRICATED ACCESSORIES. Wherever required, outlet boxes of required sizes shall be fabricated from 1.6 mm thick MS sheets which shall be fabricated from minimum 3 mm thick sheets. The outlet boxes shall be of approved quality, finish and manufacture. Suitable means of fixing connectors etc., if required, shall be provided in the boxes. The boxes shall be protected from rust by zinc phosphate primer process. Boxes shall be finished with minimum 2 coats of enamel paint of approved color. A screwed brass stud shall be provided in all boxes as earthing terminal.

4. **WIRES.** Wiring shall be carried out with FRLS insulated 660/1100-volt grade unsheathed single core wires with electrolytic annealed standard copper (unless otherwise stated) conductors conforming to latest IS Code. All wire rolls shall be ISI marked. All wires shall bear manufacturer's label and shall be brought to site in new and original packages. Manufacturer's certificate, certifying that wires brought to site are of their manufacture shall be furnished as required.

5. LAYING OF CONDUITS

- Conduits shall be laid on surface/concealed on walls and ceilings as required.
- Same rate shall apply for surface/concealed Conduiting in this contract.
- Stranded copper conductor insulated wire of size as per schedule of quantities shall be provided in entire conducting for loop earthing.
- GI wire of suitable size to serve as a fish wire shall be left in all conduit runs to facilitate drawing of wires after completion of Conduiting.

6. SURFACE/CONCEALED CONDUITING

Wherever so desired, conduit shall be laid in surface over finished concrete and/or plastered brickwork. Suitable GI/MS Hook of approved make and finish shall be fixed to the finished Structural surface along the conduit route at intervals not exceeding 600 mm. Holes in concrete or brick work for fixing the saddles shall be made neatly by electric drills using masonry drill bits. Conduits shall be fixed on the saddles by means of good quality heavy duty MS clamps screwed to the saddles by counter sunk screws. Neat appearance and good workmanship of surface conduiting work is of particular importance. The entire conduit work shall be in absolute line and plumb. The MS conduit should be painted with primer initially and then with two coats of approved make color before laying the conduit.

6.1 FIXING OF CONDUIT FITTINGS AND ACCESSORIES

For surface/concealed Conduiting work, the fittings and accessories shall be completely embedded on finished wall/ceiling surface in a workman like manner. Loop earthing wire shall be connected to a screwed earth stud inside outlet boxes to make an effective contact with the metal body.

6.2 CLEANING OF CONDUIT RUNS

The entire conduit system including outlets and boxes shall be thoroughly cleaned after completion of erection and before drawing in of cables.

6.3 PROTECTION AGAINST DAMPNESS.

All outlets in conduit system shall be properly drain and ventilated to minimize chances of condensation/sweating.

6.4 EXPANSION JOINTS.

When crossing through expansion joints in buildings, the conduit sections across the joint shall be through approved quality heavy duty metal flexible conduits of the same size as the rigid conduit. The expansion joint crossing shall be done as approved by Engineer-in-Charge.

6.5 LOOP EARTHING.

Loop earthing shall be provided by means of insulated stranded copper conductor wires of sizes as per Schedule of Quantity laid along-with wiring inside conduits for all wiring outlets. Earthing terminals shall be provided inside all switch boxes, outlet boxes and draw boxes etc.

7. LAYING AND DRAWING OF WIRES.

7.1. BUNCHING OF WIRES

Wires carrying current shall be so bunched in conduits that the outgoing and return wires are drawn into the same conduit. Wires originating from two different phases shall not be run in the same conduit.

7.2 DRAWING OF WIRES.

The drawing of wires shall be done with due regard to the following precautions: No wire shall be drawn into any conduit, until all work of any nature, that may cause injury to wire is completed. Burrs in cut conduits shall be smoothen before erection of conduits. Care shall be taken in pulling the wires so that no damage occurs to the insulation of the wire. Approved type bushes shall be provided at conduit terminations. Before the wires are drawn into the conduits, conduits shall be thoroughly cleaned of moisture, dust, dirt or any other obstruction by forcing compressed air through the conduits if necessary. While drawing insulated wires into the conduits, care shall be taken to avoid scratches and kinks which cause breakage of conductors. There shall be no sharp bends. The Contractor shall, after wiring is completed, provide a blank metal/sunmica plate on all switch/outlet/junction boxes for security and to ensure that wires are not stolen till switches/ outlets etc. are fixed at no extra cost the contractor shall be responsible to ensure that wires and loop earthing conductors are not broken and stolen. In the event of the wire been partly/fully stolen, the contractor shall replace the entire wiring along with loop earthing at no extra cost. No joint of any nature whatsoever shall be permitted in wiring and loop earthing.

7.3 TERMINATION/JOINTING OF WIRES.

Sub-circuit wiring shall be carried out in looping system. Joints shall be made only at distribution board terminals, switches for socket outlets. No joints shall be made inside conduits or junction/draw/inspection boxes. Switches controlling socket outlets shall be connected in the phase wire of the final sub circuit only. Switches controlling socket outlets shall be connected in the neutral wire. Wiring conductors shall be continuous from outlet to outlet. Joints where unavoidable, due to any special reason shall be made by approved connectors. Specific prior permission from Engineer-in-Charge in writing shall be obtained before making such joint. Insulation shall be shaved off for a length of 15 mm at the end of wire like sharpening of a pencil and it shall not be removed by cutting it square or wringing. Strands of wires shall not be cut for connecting terminals. All strands of wires shall be twisted round at the end before connection. Conductors having nominal cross sectional area exceeding 1.5 Sq. mm shall always be provided with crimping sockets. Tinning of the strands shall be done wherever crimping sockets are not available as per instructions of the Executive Engineer (Electrical). All wiring shall be labeled with appropriate plastic ferrules for identification. At all bolted terminals, brass flat washer of large area and approved steel spring washers shall be used. Brass nuts and bolts shall be used for all connections. The pressure applied to tighten terminal screws shall be just adequate, neither too less. Switches controlling socket outlets shall be connected to the phase wire of circuits only. Only certified valid license holder wiremen shall be employed to do wiring/jointing work.

7.4 LOAD BALANCING.

The contractor shall plan the load balancing of circuits in 3 phase installation and get the same approved by the Engineer-in-Charge before commencement of the work.

7.5 COLOUR CODE OF CONDUCTORS.

Color code shall be maintained for the entire wiring installation – red, yellow, blue for three phases, blank for neutral and green for earth

8 PERFORMANCE.

Should the above tests not comply with the limits and requirements as above the contractor shall rectify the faults until the required results are obtained. The contractor shall be responsible for providing the necessary

instruments and subsidiary earths for carrying out the tests. The above tests are to be carried out by the contractor without any extra charge.

9. MINIATURE CIRCUIT BREAKERS.

The MCB's shall be of the completely molded design suitable for operation at 240/415 Volts 50 Hz system. The MCB's shall have a rupturing capacity of 10 KA at 0.5 p.f. The MCB's shall have inverse time delayed thermal overload and instantaneous magnetic short circuit protection. The MCB time current characteristic shall coordinate with XLPE cable characteristic. Type test certificates from independent authorities shall be submitted with the tender.

LIST OF APPROVED MAKES
(For work covered under this Contract)

Sl. No.	Description of Items	Make
1	PVC conduit and accessories	AKG/ BEC or ISI Approved make
2	Wires	Polycab/KEI/ Havells / RR kable
3	G.I Modular Box and Modular Base Plate, Cover plate	Legrand / Anchor/ Crabtree
4	Switch, Socket	Legrand / Anchor/ Crabtree
5	MCB, Distribution Board	Legrand / L&T/Havells/ Crabtree
6	3 Phase, 415 volts, 50 Hz Borewell Submersible pump	Kirloskar/CRI/ Crompton

30. The work included in this Contract consists of “**Provision of paver block , polishing of doors, connecting polycarbonate shed from block III to canteen, compound wall around six pole structure, expansion joint treatment, one number deep bore well and other miscellaneous civil works at Dharmasala complex, AIIMS, Bhubaneswar.**”

Executive Engineer (Civil)
AIIMS, Bhubaneswar

AFFIDAVIT

(To be Submitted on Non Judicial Stamp Paper of Rs 10/- or above)

I/We hereby certify that, the above firm has not been ever blacklisted by any Central/State Government/Public Undertaking/Institute on any account.

I/We also certify that, Firm will supply the item(s) as per the specification given by Institution and also abide all the Terms & Conditions stipulated in Tender.

I/We also certify that, the information given in Bid is true and correct in all aspects and in any case at a later date, it is found that any details provided are false and incorrect, any contract given to the concerned firm or participation may be summarily terminated at any state, the firm will be blacklisted and Institute may imposed any action as per NIT Rules.

"I/We undertake and confirm that eligible similar works(s) has/have not been got executed through another contractor on back to back basis. Further that, if such a violation comes to the notice of Department, then I/we shall be debarred for bidding in future forever. Also, if such a violation comes to the notice of Department before date of start of work, the Engineer-in-Charge shall be free to forfeit the entire amount of Performance Guarantee".

Business Address :-

Name :

(Signature of Bidder with Firm's Seal)

Place : _____

Dated : _____

FORM OF PERFORMANCE SECURITY (GUARANTEE)

1. In consideration of the Executive Director, AIIMS, Bhubaneswar (hereinafter called " the Government ") having offered to accept the terms and conditions of the proposed agreement between _____ and _____ (hereinafter called " the said Contractor(s) ") for the work _____ (hereinafter called " the said agreement ") having agreed to production of a irrevocable Bank Guarantee for Rs. _____ (Rupees _____ only) as a security/ guarantee from the contractor(s) for compliance of his obligation in accordance with the terms and conditions in the said agreement.

I/We _____ (hereinafter referred to as Bank) hereby (Indicate the name of the Bank) undertake to pay to the Government an amount not exceeding Rs. _____ (Rupees only) on demand by Government .

2. I/We _____ do hereby undertake to pay the (Indicate the name of the Bank) amount due and payable under this Guarantee without any demur, merely on a demand from the Government stating that the amount claimed is required to meet the recoveries due or likely to be due from the said contractor (s). Any such demand made on the Bank shall be conclusive as regards the amount due and payable by the bank under this Guarantee. However, our liability under this guarantee shall be restricted to an amount not exceeding Rs . _____ (Rupees _____ only).

3. I/We the said bank undertake to pay to the Government any money so demanded notwithstanding any dispute or disputes raised by the contractor (s) in any suit or proceeding pending before any court or Tribunal relating thereto, our liability under this present being absolute and unequivocal.

4. The payment so made by us under this bond shall be valid discharge of our liability for payment there under and the contractor (s) shall have no claim against us for making such payment.

5. I/ We _____ further agree that the guarantee herein contained (Indicate the name of Bank) shall remain in full force and effect during the period that would be taken for the performance of the said agreement and it shall continue to be enforceable till all the dues of the Government under or by virtue of the said agreement have been fully paid, and its claims satisfied or discharged, or till Engineer-in- charge on behalf of the Government, certifies that the terms and conditions of the said Agreement have been fully and properly carried out by the said contractor (s) accordingly discharges this guarantee.

6. I/We _____ further agree with the Government that the (Indicate the name of Bank) Government shall have the fullest liberty without our consent, and without affecting in any manner our obligations hereunder, to vary any of the terms and conditions of the said agreement or to extend time of performance by the said contractor (s) from time to time or to postpone for any time or from time to time any of the powers exercisable by the Government against the said contractor (s) and to forebear or enforce any of the terms and conditions relating to the said agreement & we shall not be relieved from our liability by reasons of any such variation or extension being granted to the said contractor (s) or for any forbearance, act of omission on that part of the Government or any indulgence by the Government to the said contractor (s) or by any such matter or thing whatsoever which under the law relating to sureties would , but for this provision, have effect of so relieving us.

7. The guarantee will not be discharged due to the change in the constitution of the Bank or the contractor (s).

8. We _____ lastly undertake not to revoke this (Indicate the name of Bank) guarantee except with the previous consent of the Government in writing.

9. This Guarantee shall valid up to _____ unless extended on demand by Government, notwithstanding anything mentioned above, our liability against this Guarantee is restricted to Rs. _____ (Rupees _____ only) and unless a claim in writing is lodged with us within six months of the date of expiry or the extended date of expiry of this Guarantee all our liabilities under the Guarantee shall stand discharged.

Dated the _____ day of _____ for _____

(Indicate the name of Bank)

AGREEMENT (Specimen)

(To be Submitted on Non Judicial Stamp Paper of Rs 100/- or above)

This Agreement is made at **Bhubaneswar** on this (day) of(Month) **20** ____.

BETWEEN

Executive Director, AIIMS, Bhubaneswar represented through Superintending Engineer, AIIMS, BHUBANESWAR (hereinafter referred as the) (Address) "**Principal/Owner**", which expression shall unless repugnant to the meaning or context hereof include its success or sand permitted as signs)

AND

..... (Name and Address of the Individual/firm/Company) through (Hereinafter referred to as the (Details of duly authorized signatory) "**Bidder/Contractor**" and which expression shall unless repugnant to the meaning or context hereof include its success or sand permitted as signs)

Preamble

WHEREAS, the Principal/Owner has floated the Tender (NIT No. **AIIMS/BBSR/Engg./ 002/2023-24** (herein after refer red to as "**Tender/Bid**") and intends to award, under laid down organizational procedure, contract for "**Provision of paver block , polishing of doors, connecting polycarbonate shed from block III to canteen, compound wall around six pole structure, expansion joint treatment, one number deep bore well and other miscellaneous civil works at Dharmasala complex, AIIMS, Bhubaneswar.**" hereinafter referred to as the "**Contract**".

AND WHEREAS the Principal/Owner values full compliance with all relevant laws of the Land, Rules & Regulations, Economic use of resources and of fairness/ transparency in its relation with its Bidder(s) and Contractor(s).

AND WHEREAS to meet the purpose afore said both the parties have agreed to enter to this Agreement (hereinafter referred to as "**Pact**"), the terms and conditions of which shall also be read as integral part and parcel of the Tender/Bid documents and Contract between the parties.

The Tendered Value which has been accepted by Competent Authority for "**Provision of paver block , polishing of doors, connecting polycarbonate shed from block III to canteen, compound wall around six pole structure, expansion joint treatment, one number deep bore well and other miscellaneous civil works at Dharmasala complex, AIIMS, Bhubaneswar.**"

"is Rs _____/- (Rupees _____ only).

NOW, THEREFORE, inconsideration of mutual covenants contained in this Pact, the parties hereby agree as follows and this Pact witnesses as under: -

Article - 1 : Commitment of the Principal/Owner.

1. The Principal/Owner commit itself to take all measures necessary to prevent corruption and to observe the following principles:

(a) No employee of the Principal/Owner, personally or through any of his/her family

members, will in connection with the Tender, or the execution of the Contract, demand, take a promise for or accept, for self or third person, any material or immaterial benefit which the person is not legally entitled to.

(b) The Principal/Owner will, during the Tender process, treat all Bidder(s) with equity and reason. The Principal/Owner will, in particular, before and during the Tender process, provide to all Bidder(s) the same information and will not provide to any Bidder(s) confidential/additional information through which the Bidder(s) could obtain an advantage in relation to the Tender process or the Contract execution.

(c) The Principal/Owner shall endeavor to exclude from the Tender process any person, whose conduct in the past has been of biased nature.

2. If the Principal/Owner obtains information on the conduct of any of its employees which is a criminal offence under the Indian Penal Code (IPC)/Prevention of Corruption Act, 1988 (P C Act) or is in violation of the principles herein mentioned or if there be a substantive suspicion in this regard, the Principal/Owner will inform the Chief Vigilance Officer and in addition can also initiate disciplinary actions as per its internal laid down policies and procedures.

Article - 2 : Commitment of the Bidder(s)/Contractor(s)

1. It is required that each Bidder/Contractor (including their respective officers, employees and agents) adhere to the highest ethical standard and makes, and report to the Government/Department all suspected acts of **fraud or corruption or Coercion or Collusion** of which it has knowledge or becomes aware, during the tendering process and throughout the negotiation or award of a contract.

2. The Bidder(s)/Contractor(s) commit himself to take all measures necessary to prevent corruption. He commits himself to observe the following principles during his participation in the Tender process and during the Contract execution: -

(a) The Bidder(s)/Contractor(s) will not, directly or through any other person or firm, offer, promise or give to any of the Principal/Owner's employees involved in the Tender process or execution of the Contract or to any third person any material or other benefit which he/she is not legally entitled to, in order to obtain in exchange any advantage of any kind what so ever during the Tender process or during the execution of the Contract.

(b) The Bidder(s)/Contractor(s) will not enter with other Bidder(s) into any undisclosed agreement or understanding, whether formal or informal. This applies in particular to prices, specifications, certifications, subsidiary contracts, submission or non-submission of bids or any other actions to restrict competitiveness or to cartelize in the bidding process.

(c) The Bidder(s)/Contractor(s) will not commit any offence under the relevant IPC/PC Act. Further the Bidder(s)/Contractor(s) will not use improperly, (for the purpose of competition or personal gain), or pass on to others, any information or documents provided by the Principal/Owner as part of the business relationship, regarding plans, technical proposals and business details, including information contained or transmitted electronically.

(d) The Bidder(s)/Contractor(s) of foreign origin shall disclose the names and addresses of agents/representatives in India, if any. Similarly, Bidder(s)/Contractor(s) of Indian Nationality shall disclose names and addresses of foreign agents/representatives, if any. Either the Indian agent on behalf of the foreign principal or the foreign principal directly could bid in a tender but not both. Further, in cases where an agent participates in a tender on behalf of one manufacturer, he shall not be allowed to quote on behalf of another manufacturer along with the first manufacturer in a subsequent/parallel tender for the same item.

(e) The Bidder(s)/Contractor(s) will, when presenting his bid, disclose any and all payments he has made, is committed to, or intends to make to agents, brokers or any other intermediaries in connection with the award of the Contract.

3. The Bidder(s)/Contractor(s) will not instigate third persons to commit offences outlined above or be an accessory to such offences.

4. The Bidder(s)/Contractor(s) will not, directly or through any other person or firm indulge in fraudulent practice **means a willful misrepresentation or omission of facts or submission of fake/forged documents in order to induce public official to act in reliance thereof, with the purpose of obtaining unjust advantage by or causing damage to justified interest of others and/or to influence the procurement process to the detriment of the Government interests.**

5. The Bidder(s)/Contractor(s) will not, directly or through any other person or firm use Coercive Practices (means the act of obtaining something, compelling an action or influencing a decision through intimidation, threat or the use of force directly or indirectly, where potential or actual injury may be fall upon a person, his/her reputation or property to influence their participation in the tendering process).

Article - 3 : Consequences of Breach.

Without prejudice to any rights that may be available to the Principal/Owner under law or the Contract or its established policies and laid down procedures, the Principal/Owner shall have the following rights in case of breach of this Integrity Pact by the Bidder(s)/Contractor(s) and the Bidder/Contractor accepts and undertakes to respect and uphold the Principal/Owner's absolute right :-

1. If the Bidder(s)/Contractor(s), either before award or during execution of Contract has committed a transgression through a violation of Article-2 above or in any other form, such as to put his reliability or credibility in question, the Principal/Owner after giving 14 days' notice to the contractor shall have powers to disqualify the Bidder(s)/Contractor(s) from the Tender process or terminate/determine the Contract, if already executed or exclude the Bidder/Contractor from future contract award processes. The imposition and duration of the exclusion will be determined by the severity of transgression and determined by the Principal/Owner. **Such exclusion may before vigor for a limited period as decided by the Principal/Owner.**

2. **Forfeiture of EMD/Performance Guarantee/Security Deposit :** If the Principal/Owner has disqualified the Bidder(s) from the Tender process prior to the award of the Contract or terminated/determined the Contractor has accrued the right to terminate/determine the Contract according to Article-3(1), the Principal/Owner apart from exercising any legal rights that may have accrued to the Principal/Owner, may in its considered opinion forfeit the entire amount of Performance Guarantee and Security Deposit of the Bidder/Contractor.

1. **Criminal Liability:** If the Principal/Owner obtains knowledge of conduct of a Bidder or Contractor, or of an employee or a representative or an associate of a Bidder or Contractor which constitutes corruption within the meaning of IPC Act, or if the Principal/Owner has substantive suspicion in this regard, the Principal/Owner will inform the same to law enforcing agencies for further investigation.

Article - 4 : Previous Transgression.

1. The Bidder declares that no previous transgressions occurred in the last 05 years with any other Company in any country confirming to the anticorruption approach or with Central Government or State Government or any other Central/State Public Sector Enterprises in India that could justify his exclusion from the Tender process.

2. If the Bidder makes incorrect statement on this subject, he can be disqualified from the Tender processor action can be taken for banning of business dealings/holiday listing of the Bidder/Contractor as deemed fit by the Principal/Owner.

3. If the Bidder/Contractor can prove that he has resorted/recouped the damage caused by him and has installed a suitable corruption prevention system, the Principal/ Owner may, at its own discretion, revoke the exclusion prematurely.

Article - 5 : Equal Treatment of all Bidders/Contractors/Sub-contractors.

1. The Bidder(s)/Contractor(s) undertake(s) to demand from all sub-contractors a commitment in conformity with this Pact. The Bidder/Contractor shall be responsible for any violation(s) of the principles laid down in this agreement/Pact by any of its Sub-contractors/sub-vendors.

2. The Principal/Owner will enter in to Pacts on identical terms as this one with all Bidders and Contractors.

3. The Principal/Owner will disqualify Bidders, who do not submit, the duly signed Pact between the Principal/Owner and the bidder, along with the Tender or violate its provisions at any stage of the Tender process, from the Tender process.

Article - 6 : Duration of the Pact.

1. This Pact begins when both the parties have legally sign edit. It expires for the Contractor/Vendor 12 months after the completion of work under the contractor till the continuation of defect liability period, whichever is more and for all other bidders, till the Contract has been awarded.

2. If any claim is made/lodged during the time, the same shall be binding and continue to be valid despite the lapse of this Pacts as specified above, unless it is discharged/determined by the Competent Authority, AIIMS, Bhubaneswar.

Article – 7: Term & Conditions of Payment.

a. 100% payment will be released after due certification of Final Bill by Engineering-in-charge or his representative after completion of work. RA bill will be released on request basis.

b. Security Deposit 2.5% will be deducted from the bills of the Contractor.

c. The Income Tax as application shall be deducted from the bills unless exempted by the Income Tax Department.

e. Labour CESS @ 01% will be deducted from the Bill.

f. If water is used from the AIIMS, Bhubaneswar, then water charges will be deducted @1% of the bill amount.

f. Electrical charges as per actual meter reading shall be deducted from the bill. If connection is taken directly without installation of meter with prior permission from Executive Engineer (Electrical), then amount as per the usage shall be deducted from the gross bill amount as suggested by Executive Engineer (Electrical).

g. All the work shall be completed within **06(SIX) Months** from the date of issue of work Order by the Institute from Date-____ to Date-____. All the aspects of safe installation shall be the exclusive responsibility of the Contractor. If the contractor fails to complete the work on or before the stipulated date, then a penalty at the Rate of 01% per month of delay to be computed on per day basis based on quantum of damage suffered due to stated delay on the part of the contractor (as

per GCC – 2020) shall be levied subject to maximum of 10% of the accepted tendered valued of the work.

- h. It will be mandatory for the bidders to indicate their bank account number and over relevant e-payment details so that payment could be made through RTGS/Other mechanism.
- i. GST and other taxes as applicable shall be recovered/paid from the contractor's bill as per Govt. of India/AIIMS Rules.

Article - 8 : Other Provisions.

1. This Pact is subject to Indian Law, place of performance and jurisdiction is the **Bhubaneswar** of the Principal/Owner, who has floated the Tender.
2. Changes and supplements need to be made in writing. Side agreements have not been made.
3. If the Contractor is a partnership or a consortium, this Pact must be signed by all the partners or by one or more partner holding power of attorney signed by all partners and consortium members. In case of a Company, the Pact must be signed by a representative duly authorized by board resolution.
4. Should one or several provisions of this Pact turnout to be invalid; the remainder of this Pact remains valid. In this case, the parties will strive to come to an agreement to their original intensions.
5. It is agreed term and condition that any dispute or difference arising between the parties with regard to the terms of this Agreement/Pact, any action taken by the Owner/Principal in accordance with this **Agreement/Pact or interpretation thereof shall not be subject to arbitration.**

Article - 9 : LEGAL AND PRIOR RIGHTS.

All rights and remedies of the parties hereto shall be in addition to all the other legal rights and remedies belonging to such parties under the Contract and/or law and the same shall be deemed to be cumulative and not alternative to such legal rights and remedies aforesaid. For the sake of brevity, both the Parties agree that this Integrity Pact will have precedence over the Tender/Contact documents with regard any of the provisions covered under this Pact.

IN WITNESS WHEREOF the parties have signed and executed this Pact at the place and date first above mentioned in the presence of following witnesses: -

.....
(For and on behalf of Principal/Owner)

.....
(For and on behalf of Bidder/Contractor)

WITNESSES:

.....
(Signature, Name and address)

.....
(Signature, Name and address)

Dated :

Dated :

Place : Bhubaneswar

Place : Bhubaneswar

PROFORMA OF SCHEDULES

(Separate Performa for Works in case of Composite Tenders)
(Operative Schedules to be supplied separately to each intending tenderer)

SCHEDULE 'A'

Schedule of quantities: - (ENCLOSED)

SCHEDULE 'B'

Schedule of materials to be issued to the contractor.

Ser. No.	Description of item	Quantity	Rates in figures & words at which the material will be charged to the contractor	Place of issue
(1)	(2)	(3)	(4)	(5)
NIL.				

SCHEDULE 'C'

Tools and plants to be hired to the contractor

Ser. No.	Description	Hire charges per day	Place of Issue
(1)	(2)	(3)	(4)
DELETED			

SCHEDULE 'D'

Additional Condition and specifications: Enclosed.

SCHEDULE 'E'

(Reference to General conditions of Contract.)

Name of Work : Provision of paver block , polishing of doors, connecting polycarbonate shed from block III to canteen, compound wall around six pole structure, expansion joint treatment, one number deep bore well and other miscellaneous civil works at Dharmasala complex, AIIMS, Bhubaneswar.

Estimated Cost of Work : Rs.62,88,431/-

- (a) Earnest Money = 2% of Estimated cost
- (b) Security Deposit = 2.5% of Billed value
- (c) Performance Guarantee = 03% of Contract Value

SCHEDULE 'F'

GENERAL RULES & DIRECTIONS:

Officer Inviting Tender :- Executive Engineer (Civil), AIIMS, Bhubaneswar

Maximum percentage for quantity of items of work to be executed beyond which rates are to be determined:-

in accordance with Clause -12.2 &12.3 = **See below**

Definitions

2 (v)	Engineer-in-Charge	Executive Engineer (Civil), AIIMS, Bhubaneswar
2(viii)	Accepting Authority	Executive Director AIIMS, Bhubaneswar
2(x)	Percentage on cost of materials and labor to cover all over heads and profit	15%
2(xi)	Standard Schedule of Rates	Central Public Works Department Schedule of Rates - 2021 at Delhi with up to date correction slips
9(ii)	Standard AIIMS Contract Form	GCC for CPWD Works - 2020 as amended and up to and including correction slip

Clause – 1.

- (i) Time allowed for submission of Performance guarantee, : 07 Days
Program Chart (Time & Progress) and applicable Labor
Licenses, Registration with EPFO, ESIC & BOCW Welfare
Board or proof of applying thereof from the date of issue
of letter of acceptance
- (ii) Maximum allowable Extension with late fee @ 0.1% of : 01 to 15 days.
Performance guarantee amount beyond the period
provided in (i) above.

Clause – 2.

Authority for fixing compensation under Clause 2 : **Executive Director, AIIMS,
Bhubaneswar**

Clause – 2A.

Whether Clause 2A shall be applicable : **No**

Clause – 5.

Time allowed for execution of work : **06(SIX) Months**

Number of days from the date of issue of letter of acceptance for
reckoning date of start : **07 Days.**

Authority to decide fair & reasonable extension of time for
completion of work : **Superintending Engineer
AIIMS, Bhubaneswar**

Clause – 6.

Computerized Measurement book : **Yes**

Clause – 7.

Payment on intermediate certificate to be regarded as Advances : **No**

Clause – 7A.

Whether clause 7A shall be applicable : **YES.**

Clause – 10B(ii).

Whether Clause 10B(ii) shall be applicable : **No.**

Clause – 10C.

: **Not applicable.**

Clause – 10CA.

: **Not applicable.**

Clause – 11.

Specification to be followed for Execution of work as on the date of opening of the tender. : **CPWD Specifications Volume I & II 2019 with up to date correction slips**

Clause – 12.

12.2 & 12.3 Limit for value of any item of any individual trade beyond which sub clauses (i) to (v) shall not be applicable : **50% (Fifty Percent)**

Clause – 16.

Competent Authority for deciding reduced rates : **Superintending Engineer**
AIIMS, Bhubaneswar

Clause – 25.

Settlement of dispute & Arbitration : **Executive Director, AIIMS, Bhubaneswar**

Clause – 36(i).

Requirement of Technical Staff and rate of recovery in case of non-compliance shall be as per the following table :-

Value of Work	Ser. No	Minimum qualification of Technical Representative	Discipline	Designation (Principal Technical/ Technical representative)	Minimum Experience in years	Number	Rate at which recovery shall be made from the contractor in the event of not fulfilling provision of clause 36(i)	
							(Figures)	(Words)
For Agreement amount up to Rs 150 Lakhs	(a)	Graduate Engineer OR Diploma Engineer	Civil	Principal Technical representative	02 years for Graduate Engineer/ 05 years for Diploma Engineer	1	Rs 15,000/- per month	Rs Fifteen Thousand only
For Agreement amount between Rs 150 Lakhs to Rs 500 Lakhs	(a)	Graduate Engineer	Civil	Principal Technical representative	5years	1	Rs 25,000/- per month	Rs Twenty-Five Thousand only
	(b)	Graduate Engineer OR Diploma Engineer	Civil	Technical representative	02 years for Graduate Engineer/ 05 years for Diploma Engineer	1	Rs 15,000/- per month	Rs Fifteen Thousand only

Schedule of Quantities

NIT No.: AIIMS/BBSR/Engg./ 002/2023-24

Name of Work: - Provision of paver block , polishing of doors, connecting polycarbonate shed from block III to canteen, compound wall around six pole structure, expansion joint treatment, one number deep bore well and other miscellaneous civil works at Dharmasala complex, AIIMS, Bhubaneswar.

SI No.	Description Of Item	QTY.	Unit	Rate	Amount	Remark DSR 2021 & LMR
1	Earth work in excavation by mechanical means / manual means in foundation trenches(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, within a lead of 50 m. All kinds of soil with supply of all labour, taxes, t&p, hire & running charges of machinery, POL, operator expenses, etc all complete as directed by EIC.	45.00	cum	305.01	13,725.45	2.8.1
2	Supplying and filling in plinth with river sand under floors, including watering, ramming, consolidating and dressing complete.	2.00	cum	2,298.00	4,596.00	2.27
3	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20cm in depth, consolidating each deposited layer by ramming and watering, lead up to 50 m and lift upto 1.5 m , with supply of all labour ,taxes,t&p, hire & running charges of machinery, POL, operator expenses, etc all complete as directed by EIC.	30.00	cum	270.03	8,100.90	2.25
4	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level including mixing, hoisting, laying, consolidating, curing, etc. all complete as per direction of EIC.			-	-	
	1:4:8 (1 Cement : 4 coarse sand (zone-III) : 8 graded stone aggregate 40 mm nominal size)	6.00	cum	6,726.49	40,358.94	4.1.8
5	Centering and shuttering including strutting, propping etc. and removal of form for all heights :			-	-	
	(a) Foundations, footings, bases of columns, etc. for mass concrete	40.00	sqm	327.44	13,097.60	5.9.1
	(b) Lintels, beams, plinth beams, girders, bressumers and cantilevers	41.00	sqm	646.86	26,521.26	5.9.5

	(c)Columns, Pillars, Piers, Abutments, Posts and Struts	45.00	sqm	855.16	38,482.20	5.9.6
6	Providing and laying in position specified grade of reinforced cement concrete, excluding the cost of centering, shuttering, finishing and reinforcement , including hoisting , laying, consolidating curing with supply of all material, labour, T&P, etc all complete as per direction of EIC.- All work up to plinth level			-	-	
	1:1.5:3 (1 cement : 1.5 coarse sand (zone-III): 3 graded stone aggregate 20 mm nominal size	10.50	cum	8,893.65	93,383.33	5.1.2
7	Reinforced cement concrete work in walls (any thickness), including attached pilasters, buttresses, plinth and string courses, fillets, columns, pillars, piers, abutments, posts and struts etc. above plinth level up to floor five level, excluding cost of centering, shuttering, finishing and reinforcement : 1:1.5:3 (1 cement : 1.5 coarse sand(zone-III) derived from natural sources : 3 graded stone aggregate 20 mm nominal size derived from natural sources)	2.20	cum	10,829.76	23,825.47	5.2.2
8	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete.			-	-	
	Thermo-Mechanically Treated bars of grade Fe-500D or more.	1,150.00	kg	95.32	1,09,618.00	5.22.6
9	Brick work with non-modular fly ash bricks conforming to IS:12894, class designation 10 average compressive strength in super structure above plinth level up to floor V level in :			-	-	
	Cement mortar 1:4 (1 cement : 4 coarse sand)	27.00	cum	8,371.57	2,26,032.39	6.34.1
10	12 mm cement plaster of mix			-	-	
	1:6 (1 cement: 6 coarse sand)	253.00	sqm	299.85	75,862.05	13.1.2
11	Finishing walls with Acrylic Smooth exterior paint of required shade					
	New work (Two or more coat applied @ 1.67 ltr/10 sqm over and including priming coat of exterior primer applied @ 2.20 kg/10 sqm)	253.00	sqm	177.41	44,884.73	13.46.1

12	Steel work welded in built up sections/ framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required. In gratings, frames, guard bar, ladder, railings, brackets, gates and similar works	630.00	kg	151.31	95,325.30	10.25.2
13	Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade :			-	-	
	Two or more coats on new work	16.00	sqm	139.77	2,236.32	13.61.1
14	Demolishing brick work manually/ by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50 metres lead as per direction of Engineer-in charge.			-	-	
	In cement mortar	10.00	cum	1,805.96	18,059.60	15.7.4
15	Taking out existing CC interlocking paver blocks from footpath/ central verge, including removal of rubbish etc., disposal of unserviceable material to the dumping ground, for which payment shall be made separately and stacking of serviceable material within 50 metre lead as per direction of Engineer-in-Charge.	30.00	sqm	115.53	3,465.90	16.83
16	Providing and laying at or near ground level factory made kerb stone of M-25 grade cement concrete in position to the required line, level and curvature, jointed with cement mortar 1:3 (1 cement: 3 coarse sand), including making joints with or without grooves (thickness of joints except at sharp curve shall not to more than 5mm), including making drainage opening wherever required complete etc. as per direction of Engineer-in-charge (length of finished kerb edging shall be measured for payment). (Precast C.C. kerb stone shall be approved by Engineer-in-charge).	13.00	cum	9,158.79	1,19,064.27	16.69
17	Chipping of unsound/weak concrete material from slabs, beams, columns etc. with manual Chisel and/ or by standard power driven percussion type or of approved make including tapering of all edges, making square shoulders of cavities including cleaning the exposed concrete surface and reinforcement with wire brushes etc. and disposal of debris for all lead and lifts all complete as per direction of Engineer-In-Charge			-	-	
	25 mm average thickness	18.00	sqm	111.22	2,001.96	26.28.3

18	Providing and fixing aluminium work for doors, windows, ventilators and partitions with extruded built up standard tubular sections/ appropriate Z sections and other sections of approved make conforming to IS: 733 and IS: 1285, fixing with dash fasteners of required dia and size, including necessary filling up the gaps at\ junctions, i.e. at top, bottom and sides with required EPDM rubber/ neoprene gasket etc. Aluminium sections shall be smooth, rust free, straight, mitred and jointed mechanically wherever required including cleat angle, Aluminium snap beading for glazing / panelling, C.P. brass / stainless steel screws, all complete as per architectural drawings and the directions of Engineer-in-charge. (Glazing, panelling and dash fasteners to be paid for separately) :			-	-	
	For fixed portion Powder coated aluminium (minimum thickness of powder coating 50 micron)	1030.00	kg	495.82	5,10,694.60	21.1.1.2
19	Providing and fixing aluminium work for doors, windows, ventilators and partitions with extruded built up standard tubular sections/appropriate Z sections and other sections of approved make conforming to IS: 733 and IS: 1285, fixing with dash fasteners of required dia and size, including necessary filling up the gaps at junctions, i.e. at top, bottom and sides with required EPDM rubber/neoprene gasket etc. Aluminium sections shall be smooth, rust free, straight, mitred and jointed mechanically wherever required including cleat angle, Aluminium snap beading for glazing / panelling, C.P. brass / stainless steel screws, all complete as per architectural drawings and the directions of Engineer-in-charge. (Glazing, panelling and dash fasteners to be paid for separately) :For shutters of doors, windows & ventilators including providing and fixing hinges/ pivots and making provision for fixing of fittings wherever required including the cost of EPDM rubber / neoprene gasket required (Fittings shall be paid for separately)			-	-	
	Powder coated aluminium (minimum thickness of powder coating 50 micron)	230.00	kg	600.55	1,38,126.50	21.1.2.2

20	Providing and fixing glazing in aluminium door, window, ventilator shutters and partitions etc. with EPDM rubber / neoprene gasket etc. complete as per the architectural drawings and the directions of engineer-in-charge. (Cost of aluminium snap beading shall be paid in basic item)			-	-	
	With float glass panes of 5 mm thickness (weight not less than 12.50 kg/ sqm)	80.00	SQM	1,409.46	1,12,756.80	21.3.2
21	Providing and fixing 09 mm thick pre laminated particle board flat pressed three layer or graded wood particle board conforming to IS: 12823 Grade I Type II, in panelling fixed in aluminium doors, windows shutters and partition frames with C.P. brass / stainless steel screws etc. complete as per architectural drawings and directions of engineer-in-charge.			-	-	
	Pre-laminated particle board with decorative lamination on both side	70.00	sqm	859.15	60,140.50	LMR
22	Providing and fixing aluminium anodised handles,(American design with anodic coating), transparent or dyed to required colour or shade, with necessary screws etc. complete :150 mm	19.00	Nos	183.95	3,495.05	LMR
23	Providing and fixing aluminium sliding door bolts, anodised (anodic coating not less than grade AC 10 as per IS : 1868) ,transparent or dyed to required colour or shade, with nuts and screws etc. complete :			-	-	
	300x16 mm	13	each	378.53	4,920.89	LMR
24	Providing and fixing aluminium tower bolts, anodised (anodic coating not less than grade AC 10 as per IS : 1868) ,transparent or dyed to required colour or shade, with nuts and screws etc. complete : 200x10mm	4	Nos	207.34	829.36	LMR
25	Providing and fixing aluminium extruded section body tubular type universal hydraulic door closer (having brand logo with ISI, IS : 3564,embossed on the body, door weight upto 36 kg to 80 kg and door width from 701 mm to 1000 mm), with double speed adjustment with necessary accessories and screws etc. complete.. Godrej Make	4	Nos	1,719.36	6,877.44	LMR

26	Providing and fixing aluminium hanging floor door stopper, anodised (anodic coating not less than grade AC 10 as per IS : 1868)transparent or dyed to required colour and shade, with necessary screws etc. complete.			-	-	
	Twin rubber stopper	4	Each	120.15	480.60	LMR
27	Providing and laying factory made chamfered edge Cement Concrete paver blocks in footpath, parks, lawns, drive ways or light traffic parking etc, of required strength, thickness & size/ shape, made by table vibratory method using PU mould, laid in required colour & pattern over 50mm thick compacted bed of sand, compacting and proper embedding/laying of inter locking paver blocks into the sand bedding layer through vibratory compaction by using plate vibrator, filling the joints with sand and cutting of paver blocks as per required size and pattern, finishing and sweeping extra sand. complete all as per direction of Engineer-in-Charge			-	-	
	60mm thick cement concrete paver block of M-35 grade with approved colour, design & pattern	1,730.00	sqm	991.37	17,15,070.10	16.91.1
28	French spirit polishing :					
	One or more coats on old work	850.00	sqm	197.14	1,67,569.00	13.103.1
29	Melamine polishing on wood work (one or more coat).	850.00	sqm	125.84	1,06,964.00	13.114
30	Providing and fixing concertina coil fencing with punched tape concertina coil 600 mm dia 10 metre openable length (total length 90 m), having 50 nos rounds per 6 metre length, upto 3 m height of wall with existing angle iron 'Y' shaped placed 2.4m or 3.00 m apart and with 9 horizontal R.B.T. reinforced barbed wire, stud tied with G.I. staples and G.I. clips to retain horizontal, including necessary bolts or G.I. barbed wire tied to angle iron, all complete as per direction of Engineer-in-charge, with reinforced barbed tape(R.B.T.) / Spring core (2.5mm thick) wire of high tensile strength of 165 kg/ sq.mm with tape (0.52 mm thick) and weight 43.478 gm/ metre (cost of M.S. angle, C.C. blocks shall be paid separately)	82.00	meter	322.87	26,475.34	16.53

31	Structural steel work riveted, bolted or welded in built up sections, trusses and framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete.	5,900.00	kg	119.04	7,02,336.00	10.2
32	Finishing with Epoxy paint (two or more coats) at all locations prepared and applied as per manufacturer's specifications including appropriate priming coat, preparation of surface, etc. complete. On steel work	35.00	sqm	214.47	7,506.45	13.52.1
33	Providing and Fixing 10mm Thick polycarbonate sheets of approved quality and shade in desired shape in roofing including the cost of EPDM gasket, aluminum Channel, Sealing tape, and all necessary accessories, all in complete as per direction of Engineer in charge	85.00	sqm	2,895.37	2,46,106.45	L.M.R.
34	Disposal of building rubbish / malba / similar unserviceable, dismantled or waste materials by mechanical means, including loading, transporting, unloading to approved municipal dumping ground or as approved by Engineer-in-charge, beyond 50 m initial lead, for all leads including all lifts involved.	100.00	cum	233.23	23,323.00	15.60
35	Engaging of front end loader 1 cum bucket capacity (incl POL) machine for levelling, cutting, grading earth by mechanical means / spreading them with machine as per direction of Engineer in charge	40.00	Each Hour	1,831.00	73,240.00	L.M.R
36	Engaging Vibratory roller of 8 to 10 tonne capacity, rolling the different area and making the surface level including the cost of oil & driver etc. as per direction of Engineer-in-charge.	40.00	Each Hour	845.32	33,812.80	L.M.R
37	Providing and fixing of expansion joint system of approved make and manufactures for various roof locations as per approved drawings and direction of Engineer-In-Charge. The joints shall be of extruded aluminium base members with, self-aligning and self centering arrangement support plates as per ASTM B221-02. The system shall be such that it provides watertight roof to roof/roof to corner joint cover expansion control system that is capable of accommodating multidirectional seismic movement without stress to its components. System shall consist of metal profile that	12.00	meter	5,767.55	69,210.60	5.46.1

	incorporates a universal aluminium base member designed to accommodate various project conditions and roof treatments. The cover plate shall be designed of width and thickness required to satisfy movement and loading requirements and secured to base members by utilizing manufacturer's pre-engineered self-centering arrangement that freely rotates / moves in all directions. The Self centering arrangement shall exhibit circular sphere ends that lock and slide inside the corresponding aluminium extrusion cavity to allow freedom of movement and flexure in all directions including vertical displacement. The Joint System shall resist damage or deterioration from the impact of falling ice, exposure to UV, airborne contaminants and occasional foot traffic from maintenance personnel. Provision of Moisture Barrier Membrane in the Joint System to have water tight joint is mandatory requirement. (Material shall confirm to ASTM 6063).Roof Joint of 100 mm gap					
38	Providing and fixing of expansion joint system related with wall joint (internal/external) location as per drawings and direction of Engineer-In-Charge. The joints shall be of extruded aluminium base members, self-aligning / centering arrangement and support plates as per ASTM B221-02. The material shall be such that it provides an Expansion Joints System suitable for vertical wall to wall/ wall to corner application, both new and existing construction in office Buildings & complexes with no slipping down tendency amongst the components of the Joint System. The Joint System shall utilize lightweight aluminium profiles exhibiting minimal exposed aluminium surfaces mechanically snap locking the multicellular to facilitate movement. (Material shall confirm to ASTM 6063).Wall Joint of 100 mm gap	65.00	meter	5,141.59	3,34,203.35	5.45.1

39	Providing and fixing double scaffolding system (cup lock type) on the exterior side of building/structure, upto 25 metre height, above ground level, including additional rows of scaffolding in stepped manner as per requirement of site, made with 40mm dia M.S. tube, placed 1.5 metre centre to centre, horizontal & vertical tubes joint with cup & lock system with M.S. Tubes, M.S. tube chalis, M.S. clamps and staircase system in the scaffolding for working platform etc. and maintaining it in a serviceable condition for execution of work of cleaning and/ or pointing and/ or applying chemical and removing it thereafter. The scaffolding system shall be stiffened with bracings, runners, connecting with the building etc, wherever required, if feasible, for inspection of work at required locations with essential safety features for the workmen etc., complete as per directions and approval of Engineer-in-charge. Note:- (1) The elevation area of the scaffolding shall be measured for payment purpose. (2) The payment will be made once only for execution of all items for such works.	1,500.00	sqm	303.04	4,54,560.00	24.2
40	Demolishing cement concrete manually/ by mechanical means including disposal of material within 50 metres lead as per direction of Engineer - in - charge. Nominal concrete 1:3:6 or richer mix (i/c equivalent design mix)	3.00	cum	2,134.15	6,402.45	15.2.1
41	Boring/drilling bore well of required dia for casing/ strainer pipe, by suitable method prescribed in IS: 2800 (part I), including collecting samples from different strata, preparing and submitting strata chart/ bore log, including hire & running charges of all equipment, tools, plants & machineries required for the job, all complete as per direction of Engineer-in-charge, upto 90 metre depth below ground level. All types of soil.400 mm dia	50.00	meter	881.32	44,066.00	23.1.1.3

42	Boring/drilling bore well of required dia for casing/ strainer pipe, by suitable method prescribed in IS: 2800 (part I), including collecting samples from different strata, preparing and submitting strata chart/ bore log, including hire & running charges of all equipment, tools, plants & machineries required for the job, all complete as per direction of Engineer-in-charge, upto 90 metre depth below ground level. Rocky strata including Boulders.400 mm dia	40.00	meter	1,890.44	75,617.60	23.1.2.3
43	Boring/drilling bore well of required dia for casing/ strainer pipe, by suitable method prescribed in IS: 2800 (part I), including collecting samples from different strata, preparing and submitting strata chart/ bore log, including hire & running charges of all equipment, tools, plants & machineries required for the job, all complete as per direction of Engineer -in-charge, beyond 90 metre & upto 150 metre depth below ground level. All types of soil.400 mm dia	30.00	meter	1,101.69	33,050.70	23.2.1.3
44	Boring/drilling bore well of required dia for casing/ strainer pipe, by suitable method prescribed in IS: 2800 (part I), including collecting samples from different strata, preparing and submitting strata chart/ bore log, including hire & running charges of all equipment, tools, plants & machineries required for the job, all complete as per direction of Engineer -in-charge, beyond 90 metre & upto 150 metre depth below ground level. Rocky strata including Boulders.400 mm dia	30.00	meter	2,214.16	66,424.80	23.2.2.3
45	Supplying, assembling, lowering and fixing in vertical position in bore well, unplasticized PVC medium well casing (CM) pipe of required dia, conforming to IS: 12818, including required hire and labour charges, fittings & accessories etc. all complete, for all depths, as per direction of Engineer -in-charge.200 mm nominal size dia	100.00	meter	1,012.21	1,01,221.00	23.3.3
46	Supplying, assembling, lowering and fixing in vertical position in bore well unplasticized PVC medium well screen (RMS) pipes with ribs, conforming to IS: 12818, including hire & labour charges, fittings & accessories etc. all complete,	50.00	meter	1,168.83	58,441.50	23.4.3

	for all depths, as per direction of Engineer-in-charge. 200 mm nominal size dia					
47	Supplying, filling, spreading & levelling stone boulders of size range 5 cm to 20 cm, in recharge pit, in the required thickness, for all leads & lifts, all complete as per direction of Engineer-in-charge.	0.50	cum	1,384.74	692.37	23.5
48	Supplying, filling, spreading & levelling gravels of size range 5 mm to 10 mm, in the recharge pit, over the existing layer of boulders, in required thickness, for all leads & lifts, all complete as per direction of Engineer-in-charge.	0.50	cum	1,391.86	695.93	23.6
49	Supplying, filling, spreading & levelling coarse sand of size range 1.5 mm to 2 mm in recharge pit, in required thickness over gravel layer, for all leads & lifts, all complete as per direction of Engineer -in charge.	0.50	cum	1,391.86	695.93	23.7
50	Development of tube well in accordance with IS : 2800 (part I) and IS: 11189, to establish maximum rate of usable water yield without sand content (beyond permissible limit), with required capacity air compressor, running the compressor for required time till well is fully developed, measuring yield of well by "V" notch method or any other approved method, measuring static level & draw down etc. by step draw down method, collecting water samples & getting tested in approved laboratory, i/c disinfection of tube well, all complete, including hire & labour charges of air compressor, tools & accessories etc., all as per requirement and direction of Engineer-in-charge.	5.00	Hrs	974.83	4,874.15	23.12
51	Providing and fixing Bail plug/ Bottom plug of required dia to the bottom of pipe assembly of tube well as per IS:2800 (part I). 150 mm dia	2.00	each	328.08	656.16	23.15.3
52	Providing and fixing 20mm outer dia HDPE pipe PE-80, PN6, suitable for bore well upto the required depth including jointing of pipes & fittings as per direction of Engineer-in-charge in complete.	150.00	meter	49.98	7,497.00	LMR
53	Providing and fixing 40mm outer dia HDPE pipe PE-80, PN6, suitable for bore well upto the required depth including jointing of pipes & fittings as per direction of Engineer-in-charge in	100.00	meter	92.51	9,251.00	LMR

	complete.					
54	Providing and fixing SS nipple with 32mm nut bolt, clamp & cover, bend with socket suitable for submersible pump application all including as per direction of Engineer-in-charge.	20.00	set	1,953.28	39,065.60	LMR
55	Providing and fixing 8-10 sq mm engineering rope suitable for 3 HP/2 HP submersible pump application as per direction of Engineer-in-charge in complete.	150.00	meter	18.08	2,712.00	LMR
ELECTRICAL PORTION						
56	Providing and fixing 2 HP, 3 phase 415 volt, 50 Hz bore well submersible pump suitable for bore well having head of more than 120 mtr and discharge capacity more than 6000 ltr/hr all complete as per direction of Engineer in Charge	1.00	each	32,163.76	32,163.76	LMR
57	Providing and fixing 3 phase control panel for 3HP / 2 HP submersible pump BCH make as per direction of Engineer-in-charge in complete.	1.00	each	7,422.90	7,422.90	LMR
58	Providing and fixing 4 SQ mm X 4 core submersible cable flat suitable for bore well as per direction of Engineer-in-charge in complete.	200.00	meter	166.94	33,388.00	LMR
59	Supplying and laying of following size DWC HDPE pipe ISI marked along with all accessories like socket, bend, couplers etc. conforming to IS 14930, Part II complete with fitting and cutting, jointing etc. in the existing trench, complete as required. 63 mm dia (OD-63 mm & ID-51 mm nominal)	50.00	meter	135.04	6,752.00	DSR Electrical - 14.15.1
					TOTAL	62,88,431.35
					Say	62,88,431.00

PERFORMA FOR QUOTING RATES

Name of Work: - Provision of paver block , polishing of doors, connecting polycarbonate shed from block III to canteen, compound wall around six pole structure, expansion joint treatment, one number deep bore well and other miscellaneous civil works at Dharmasala complex, AIIMS, Bhubaneswar.					
E NIT No- AIIMS/BBSR/Engg./ 002/2023-24					
ESTIMATE COST PUT TO TENDER- Rs Rs.62,88,431/-					
NAME OF CONTRACTOR-					
Sr. No.	Name of component	Estimated cost (Rs.)	Percentage above/ below the Total Estimated Cost	% in figures	Total Cost (Rs.)
1.	Provision of paver block , polishing of doors, connecting polycarbonate shed from block III to canteen, compound wall around six pole structure, expansion joint treatment, one number deep bore well and other miscellaneous civil works at Dharmasala complex, AIIMS, Bhubaneswar.	Rs.62,88,431/-			
Contractor's Quoted Rate in words					

NOTE: -

1. LMR = To be read as Local Market Rate.
2. The Bidder must submit Financial Bid in On-Line Mode.
3. I/We have gone through the terms & conditions as stipulated in the tender **(especially Special condition of contract Point no 24 to 27)** and confirm to accept and abide the same before quoting the rate.
4. No other charges would be payable by the Institute
5. Quantity mentioned above is tentative, it may increase or decrease as per site requirement.
6. Contractor has to bring samples as per above preferred brands only and Engineer-In-Charge shall approve one sample out of the samples brought by the contractor. The contractor has to use material of that approved sample only. No claim in this regard shall be entertained.
7. In case of non-availability of material of approved make, prior approval from Engineer-In-Charge shall be obtained for other make.
8. The rates quoted should be inclusive of GST as applicable.

I, the contractor certify that I am filling this template after understanding all the items of Schedule of Quantity of e NIT Page No- **33 to 44.**

Name: _____

Business Address: _____

Date : _____

Place: Bhubaneswar

Signature of the Bidder: -

Seal of the Bidder _____

Instructions for Online Bid Submission:

The bidders are required to submit soft copies of their bids electronically on the CPP Portal, using valid Digital Signature Certificates. The instructions given below are meant to assist the bidders in registering on the CPP Portal, prepare their bids in accordance with the requirements and submitting their bids online on the CPP Portal.

More information useful for submitting online bids on the CPP Portal may be obtained at: <https://eprocure.gov.in/eprocure/app>.

REGISTRATION ON CPP PORTAL:

Bidders are required to enrol on the e-Procurement module of the Central Public Procurement Portal (URL: <https://eprocure.gov.in/eprocure/app>) by clicking on the link "Online bidder Enrolment" on the CPP Portal which is free of charge.

As part of the enrolment process, the bidders will be required to choose a unique username and assign a password for their accounts.

Bidders are advised to register their valid email address and mobile numbers as part of the registration process. These would be used for any communication from the CPP Portal.

Upon enrolment, the bidders will be required to register their valid Digital Signature Certificate (Class II or Class III Certificates with signing key usage) issued by any Certifying Authority recognized by CCA India (e.g. Sify /nCode / eMudhra etc.), with their profile.

Only one valid DSC should be registered by a bidder. Please note that the bidders are responsible to ensure that they do not lend their DSC"s to others which may lead to misuse.

Bidder then logs in to the site through the secured log-in by entering their user ID / password and the password of the DSC / e-Token.

SEARCHING FOR TENDER ENQUIRY DOCUMENT

There are various search options built in the CPP Portal, to facilitate bidders to search active tenders by several parameters. These parameters could include Tender ID, Organization Name, Location, Date, Value, etc. There is also an option of advanced search for tenders, wherein the bidders may combine a number of search parameters such as Organization Name, Form of Contract, Location, Date, Other keywords etc. to search for a tender published on the CPP Portal.

Once the bidders have selected the tenders they are interested in, they may download the required documents / tender schedules. These tenders can be moved to the respective „My Tenders" folder. This would enable the CPP Portal to intimate the bidders through SMS / e- mail in case there is any corrigendum issued to the tender document.

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

PREPARATION OF BIDS

Bidder should take into account any corrigendum published on the tender document before submitting their bids.

Please go through the tender advertisement and the Tender Enquiry Document carefully to understand the documents required to be submitted as part of the bid. Please note the number of covers in which the bid documents have to be submitted, the number of documents - including the names and content of each of the document that need to be submitted. Any deviations from these may lead to rejection of the bid.

Bidder, in advance, should get ready the documents/BoQ to be uploaded as indicated in the Tender Enquiry Document and generally, they can be in PDF / XLS / RAR / DWF/JPG formats. Scanned documents to be uploaded may be scanned with 100 dpi with black and white option which helps in reducing size of the scanned document and resulting in fast uploading. It is the responsibility of the bidder to ensure that uploaded scanned documents are legible.

To avoid the time and effort required in uploading the same set of standard documents which are required to be submitted as a part of every bid, a provision of uploading such standard documents has been provided to the bidders. Bidders can use "My Space" or „Other Important Documents"" area available to them to upload such documents. These documents may be directly submitted from the "My Space" area while submitting a bid, and need not be uploaded again and again. This will lead to a reduction in the time required for bid submission process.

SUBMISSION OF BIDS

Submission of Bids

Bidder should log into the site well in advance for bid submission so that they can upload the bid in time i.e. on or before the bid submission time. Bidder will be responsible for any delay due to other issues.

The bidder has to digitally sign and upload the required bid documents one by one as indicated in the Tender Enquiry document.

Bidder has to select the payment option as "offline" to pay the Bid Security/ EMD as applicable and enter details of the instrument.

Bidder should prepare the Bid Security/EMD as per the instructions specified in the Tender Enquiry Document. The original should be posted/couriered/given in person to the concerned official, latest by the last date of bid submission or as specified in the Tender Enquiry Document. The details of the DD/any other accepted instrument, physically sent, should tally with the details available in the scanned copy and the data entered during bid submission time. Otherwise the uploaded bid will be rejected.

Bidders are requested to note that they should necessarily submit their financial bids in the format provided and no other format is acceptable. If the price bid has been given as

a standard BoQ format with the tender document, then the same is to be downloaded and to be filled by all the bidders. Bidders are required to download the BoQ file, open it and complete the white coloured (unprotected) cells with their respective financial quotes and other details (such as name of the bidder). No other cells should be changed. Once the details have been completed, the bidder should save it and submit it online, without changing the filename. If the BoQ file is found to be modified by the bidder, the bid will be rejected.

The server time (which is displayed on the bidders" dashboard) will be considered as the standard time for referencing the deadlines for submission of the bids by the bidders, opening of bids etc. The bidders should follow this time during bid submission.

All the documents being submitted by the bidders would be encrypted using PKI encryption techniques to ensure the secrecy of the data. The data entered cannot be viewed by unauthorized persons until the time of bid opening. The confidentiality of the bids is maintained using the secured Socket Layer 128 bit encryption technology. Data storage encryption of sensitive fields is done. Any bid document that is uploaded to the server is subjected to symmetric encryption using a system generated symmetric key. Further this key is subjected to asymmetric encryption using buyers/bid openers" public keys. Overall, the uploaded tender documents become readable only after the tender opening by the authorized bid openers.

The uploaded Tender/Bid shall become readable only after the tender opening by the authorized bid openers.

Upon the successful and timely submission of bids (ie after Clicking "Freeze Bid Submission" in the portal), the portal will give a successful bid submission message & a bid summary will be displayed with the bid no. and the date & time of submission of the bid with all other relevant details.

The bid summary has to be printed and kept as an acknowledgement of the submission of the bid. This acknowledgement may be used as an entry pass for any bid opening meetings.

ASSISTANCE TO BIDDERS

Any queries relating to the Tender Enquiry Document and the terms and conditions contained therein should be addressed to the Tender Inviting Authority for a tender or the relevant contact person indicated in the NIT.

Any queries relating to the process of online bid submission or queries relating to CPP Portal in general may be directed to the 24x7 CPP Portal Helpdesk