

Notice Invited Tender
for
Construction of Public Toilet
(02 Blocks) near Trauma Block &
Right Side of Main Entrance
at Hospital Building



ଅଖିଳ ଭାରତୀୟ ଆୟୁର୍ବିଜ୍ଞାନ ସଂସ୍ଥାନ,
All India Institute of Medical Sciences
Engineering Branch, Bhubaneswar(Odisha)-751019
www.aiimsbhubaneswar.edu.in

NIT No. : **AIIMS/BBS/Engg./003/2017**
NIT Issue Date : 7th Feb 2017
Last Date of Submission : 20th Feb 2017 (by 1400hours)

“Certified that, this tender document contains **28 (Twenty Eight)** pages only”.

Superintending Engineer,
Project Cell, AIIMS, Bhubaneswar

**Government of India, Ministry of Health & Family Welfare
Project Cell, AIIMS, Bhubaneswar**

Name of Work : **Provision of Public Toilet [02 (Two) Blocks] near Trauma Building & Right Side of Main Entrance, Hospital Complex, AIIMS, Bhubaneswar.**

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INFORMATION & INSTRUCTIONS FOR CONTRACTORS ON TENDERING
FORMING PART OF NIT

The Superintending Engineer, Project Cell, AIIMS, Bhubaneswar on behalf of the Director, AIIMS, Bhubaneswar invites Item rate bids from approved and eligible Contractors of CPWD, BSNL, MES & State PWD registered contractors of appropriate class in **Two Bid System** for the following work:

Ser. No.	Particulars	Particulars
1	NIT No.	AIIMS/BBSR/Engg./003/2017
2	Name of Work & Location	Construction of Public Toilet [02 Blocks] near Trauma Building & Right Side of Main Entrance at Hospital Complex, AIIMS, Bhubaneswar.
3	Estimated Cost put to Tender (In Rs.)	Rs 15,54,000/- (Rupees FIFTEEN LAKHS AND FIFTY FOUR THOUSAND only).
4	Earnest Money (In Rs.)	Rs. 31,100/- (Rupees THIRTY ONE THOUSAND AND ONE HUDNRED only)
5	Period of Completion	02 (Two) Calendar Month after award of work
6	Last date & time of Submission of eligibility criteria and Financial Bids	20th Feb 2017 up to 1400 hours.
7	Time & Date of Opening of Tender/Bid	20th Feb 2017 at 1530 hours.

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

2. Information and instructions for bidders posted on web site 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 these to of terms and conditions of the contract to be complied with and other necessary documents can be seen and downloaded from website www.aiimsbhubaneswar.edu.in.

4. But the bid can only be submitted after depositing (Non-Refundable, Cost of Tender Paper) of Rs 1,000/- (Rupees ONE THOUSAND only) in favor of AIIMS, Bhubaneswar in form of Demand Draft.

5. The enlistment of the contractors should be valid on the last date of sale of Tenders. In case the last date of submission of bid is extended; the contractor should be valid on the original date of submission of bids. Incase both the last date of receipt of application and sale of Tenders are extended, the enlistment of contractor should be valid on either of the two dates i.e. original date of sale of Tender or on the extended date of sale of Tenders.

6. The authority competent to approve NIT for the combined cost and belonging to the Major discipline will consolidate NITs for calling the bids. He will also nominate a committee which will deal with all matters relating to the invitation of bids. For composite bid, besides indicating the combined estimated cost put to bid, should clearly indicate the estimated cost of each component separately. The eligibility of bidders will correspond to the combined estimated cost of different components put to bid.

7 Intending bidders 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 of magnitude specified below:-

(a) **Criteria of eligibility for contractors.** 03 (Three) similar works each of value **not less than 40%** (i.e. for **Rs. 6,21,600/-**) or 02 (Two) similar work each of value **not less than 50%** (i.e. **Rs. 7,77,000/-**) or 01 (One) similar work of value **not less than 80%** (i.e. **Rs. 12,43,200/-**) in last 05 (Five) Years ending last day of the month previous to the one in which the tenders are invited.

(b) The value of executed works shall be brought to current costing level by enhancing the actual value of work at simple rate of 07% per annum, calculated from the date of completion to the last date of submission of bid.

8. **To become eligible for issue of bid, contractors shall have to furnish an affidavit as under :-**

"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 Earnest Money Deposit/Performance Guarantee".

9. Agreement shall be drawn with the successful bidders on prescribed Form of AIIMS, BHUBANESWAR which is available on website www.aiimsbhubaneswar.edu.in. Bidders shall quote his rates as per various terms and conditions of the said form which Will form part of the agreement.

10. The time allowed for carrying out the work will be **02 (Two) Calendar month** from the date of start as defined in schedule "F" or from the first date of handing over of the site, whichever is later, in accordance with the phasing, if any, indicated in the bid documents.

11. The site for the work is available.

12. Interested Bidder should submit the document(s) by Speed Post, Courier or Put-In-Drop Box (available at AIIMS, Bhubaneswar) as per the details bifurcated below :-

(a) **Envelope - 1.** Consisting of :-

- (i) DD against Tender Processing Fee for Rs., 1,000/- (in original).
- (ii) Xerox copy(ies) of self-attested valid License/Registration.
- (iii) Xerox copy of self-attested PAN Card.
- (iv) Xerox copy of self-attested VAT Document(s).
- (v) Xerox copy of self-attested EPF Document(s).
- (vi) Xerox copy of self-attested Sales Tax Certificate of appropriate Authority.
- (vii) Xerox copy(ies) of Earnest Money Deposit (EMD).
- (viii) Xerox copy(ies) of Experience Certificate(s).

(b) **Envelope - 2.** Consisting of Tender/Bid i.e. Financial Part of Tender.

(c) All the above 02(Two) Envelopes (i.e. Envelope - 1 & 2) including shall **be put in 01 (One) Covering Envelope** and must be **“superscripted”** with the subject Tender (i.e. name of the work).

13. The bid document consisting of 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 another necessary documents except Standard and make General Conditions of Contract Form can be seen on website www.aiimsbhubaneswar.edu.in.

14. After submission of the bid the contractor can re-submit revised bid any number of times but before last time and date of submission of bid as notified.

15. While submitting the revised bid, contractor 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.

16. **The physical EMD shall be deposited by the lowest tenderer within a week after opening of financial bid failing which the tender shall be rejected and enlistment of the agency shall be withdrawn by the enlisting authority.** The following undertaking in this regard shall also be submitted by the intending bidders :-

“The Physical EMD shall be deposited by me/us with the SE calling the tender in-case we become the lowest tenderer within a week of opening of the financial bid otherwise may reject the tender and also take action to withdraw my/our enlistment”.

17. Interested contractor who wish to participate in the bid has to make payments in the form of Demand Draft/Pay order or Banker's Cheque of any Scheduled Bank and the **scanned copy of EMD** to be sent to this office within the period of bid submission:

20. **Tender Processing Fee : Rs. 1,000/- (Non Refundable)** shall be payable to AIIMS, BHUBANESWAR through DD.

18. Copy of Enlistment Order and certificate of work experience and other documents like PAN Card issued by I/T department, Certificate of EPF registration(for works estimated cost put to tender above 5.00lakhs),VAT clearance to be deposited within the period of bid submission. However, certified copy of all documents as specified in N I T shall have to be submitted by the lowest bidder only along with physical EMD to be submitted in the office of tender opening authority.

19. The bids submitted shall be opened **at 1530 hours on 20th Feb 2017.**

20. The bid submitted shall be come invalid and cost of bid & Tender processing fee shall not be refunded if :-

(a) The bidders are found in eligible.

(b) The bidders does not submit all the documents (including service tax registration/VAT registration/Sales Tax Registration) as stipulated in the bid document.

(c) The lowest bidder does not deposit physical EMD within a week of opening of Tender.

21. The contractor whose bid is accepted will be required to furnish performance guarantee of 05% (Five Percent) of the Tendered Amount within the period specified in Schedule "F". This guarantee shall be in the form of DD. *In case Guarantee amount is less than Rs. 10,000/- or Deposit at Call Receipt of any scheduled Bank/Bankde's Cheque of any Scheduled Bank/Demand Draft of any scheduled Bank/Pay Order of any scheduled Bank (in case guarantee amount is less than Rs 1,00,000/-) or Government Securities or Fixed Deposit Receipts or Guarantee Bonds of any Scheduled Bank or this State Bank of India in accordance with the prescribed form. In case, the contractor fails to deposit the said performance guarantee within the period as indicated in Schedule 'F' including the extended period if any, the Earnest Money deposited by the contractor shall be forfeited automatically without any notice to the contractor.*

22. Intending Bidders are advised to inspect and examine the site and its surroundings and satisfy themselves before submitting their bids as to the nature of the ground and sub-soil (so far as is practicable), the form and nature of the site, the mean suffices 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 bidders 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 bidders 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 and rates at which stores, tools and plant, etc. will be issued to him by the Government and local conditions and other factors having a bearing on the execution of the work.

23. The competent authority on behalf of Director, AIIMS, Bhubaneswar does not bind itself 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 bidders shall be summarily rejected.

24. 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 for rejection.

25. The competent authority on behalf of Director, AIIMS, Bhubaneswar reserves to himself the right of accepting the whole or any part of the bid and the bidders shall be bound to perform the same at the rate quoted.

26. 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.

27. The bid for the works shall remain open for acceptance for a period of ninety (90) days from the date of opening of financial bid incase bids are invited on 02/03 bid system if any bidders withdraws his bid before the said period or issue of letter of acceptance, whichever is earlier, or makes any modifications in the terms and conditions of the bid which are not acceptable to the department, then the Government shall, without prejudice to any other right or remedy, be at liberty to forfeit 50% of the said earnest money as aforesaid. Further the bidders shall not be allowed to participate in the re-bidding process of the work. This notice inviting Bid shall form a part of the contract document. The successful bidders/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 :-

(a) The Notice Inviting Bid, all the documents including additional conditions, specifications and drawings, if any, forming part of the bid at the time of invitation of bid and the rates quoted at the time of submission of bid and acceptance thereof together with any correspondence leading thereto.

(b) Standard and make C.P.W.D. Form 7/8 or other Standard and make C.P.W.D. Form as applicable.

DECLARATIONS TO BE GIVEN BY THE TENDERERS

It is to certify that :-

(a) I/We have gone through CPWD W-8 amended up-to correction Slips as available on website or in the office of Superintending 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/We agree that the Notice Inviting Tender (NIT) is an invitation to offer made on the condition that I/We will sign the enclosed Agreement, which is an integral part of tender documents, failing which I/We will stand disqualified from the tendering process. I/We acknowledge that THE MAKING OF THE BID SHALL BE REGARDED AS AN UNCONDITIONAL AND ABSOLUTE ACCEPTANCE of this condition of the NIT.

I/We confirm acceptance and compliance with the Agreement in letter and spirit and further agree that execution of the said Agreement shall be separate and distinct from the main contract, which will come into existence when Tender/Bid is finally accepted by AIIMS, Bhubaneswar. I/We acknowledge and accept the duration of the Agreement, which shall be in the line with Article-1 of the enclosed Agreement.

I/We acknowledge that in the event of my/our failure to sign and accept the Agreement, while submitting the tender/bid, AIIMS, Bhubaneswar shall have unqualified, absolute and unfettered right to disqualify the tenderer/bidder and reject the tender/bid is accordance with terms and conditions of the tender/bid.

Date : **(Signature of the Tenderer)**

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

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

Date : **(Signature of the Tenderer)**

Other Partners :-

1. Sri _____ S/o Sri _____ Signature : _____
2. Sri _____ S/o Sri _____ Signature : _____
3. Sri _____ S/o Sri _____ Signature : _____
4. Sri _____ S/o Sri _____ Signature : _____

(To be signed by the Bidder and same signatory competent/authorized to sign the relevant contract on behalf of AIIMS, Bhubaneswar).

AGREEMENT

This Agreement is made at.....on this.....day of.....2017.

BETWEEN

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.) (herein after refer red to as **“Tender/Bid”**) and intends to award, under laid down organizational procedure, contract for **Construction of Public Toilet [02 (Two) Blocks] Near Trauma Building & Right Side of main Entrance of Hospital 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.

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)/Contract(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 participate 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 befall 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 Earnest Money Deposit, Performance Guarantee and Security Deposit of the Bidder/Contractor.

3. **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 : 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 be unmade.
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 intentions.

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 - 8 : 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:

1.	2.
(Signature, Name and address)	(Signature, Name and address)

Place :

Dated :

GOVERNMENT OF INDIA
Ministry of Health & Family Welfare (Project Cell), AIIMS, Bhubaneswar
Item Rate Tender & Contract for Works

Tender for the work of : Construction of Public Toilets [02 (Two) Blocks] near Trauma Building & Right Side of Main Entrance at Hospital Complex, AIIMS, Bhubaneswar.

- (a) To be submitted by **1400** hours on **20th Feb 2017** to **Superintending Engineer, Project Cell, AIIMS, Bhubaneswar.**
- (b) To be opened in presence of tenderers whom may be present at 1530 hours on **20th Feb 2017** in the office of **Superintending Engineer, Project Cell, AIIMS, Bhubaneswar** Issued to

Signature of officer issuing the documents.....

Designation : Superintending Engineer, Project Cell, AIIMS, Bhubaneswar

Date of Issue : February 2017

TENDER

I/We have read and examined the notice inviting tender, schedule - A, B, C, D, E & F, 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.

I/We hereby tender for the execution of the work specified for the Director, AIIMS, Bhubaneswar within the time specified in Schedule-'F' viz., schedule of quantities and in accordance in all respect with the specifications, designs, drawing and instructions in writing referred to in Rule-1 of General Rules and Directions and in Clause-11 of the Conditions of contract and with such materials as are provided for, by, and in respect of accordance with, such conditions so far as applicable.

We agree to keep the tender open for 90 days from the due date of its opening ninety days from the date of opening of financial bid in case tenders are invited on 2/3 envelope system (strikeout as the case may be) and not to make any modification in its terms and conditions. If I/we withdraw my/our tender before the said period or issue of letter of acceptance, whichever is earlier, or, makes any modifications in the terms and conditions of the tender which are not acceptable to the BSNL, then the BSNL shall, without prejudice to any other right or remedy, be at liberty to forfeit 50% of the said earnest money as aforesaid.

A sum of Rs. 31,100/- (Rupees THIRTY THOUSAND AND ONE HUNDRED only) has been deposited in prescribed manner as earnest money. If I/We fail to commence the work specified, I/We agree that the said AIIMS, Bhubaneswar shall without prejudice to any other right or remedy, be at liberty to forfeit the said earnest money absolutely otherwise the said earnest money shall be retained by competent authority on behalf of AIIMS, Bhubaneswar towards Security Deposit to execute all the works referred to in the tender documents upon the terms and conditions contained or referred to herein and carry out such deviations as may be ordered, up-to maximum of the percentage mentioned in Schedule - 'F' and those in excess of that limit at the rates to be determined in accordance with the provision contained in Clause-12.2 and 12.3 of the tender form.

I/We agree that, in case of works of estimated cost exceeding Rs. 15,00,000/-, to deposit an amount equal to 05% of Tendered value of the work as performance guarantee in the form of bond of any Scheduled Bank of India in accordance with the Performa prescribed or in the form of Fixed Deposit Receipt etc., within 10 days of the issue of letter of acceptance of Tender by the AIIMS. I/We am/are aware that in the even to failure on my/our part to furnish the Bank Guarantee within 10 days, the earnest money will be forfeited and tender will be cancelled.

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 Department, then I/We shall be debarred for tendering in AIIMS, BHUBANESWAR 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 Earnest Money Deposit/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 the reform 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 prejudice all to the safety of the State.

I/We agree that should I/We fail to commence the work specified in the above memorandum, an amount equal to the amount of the earnest money mentioned in the form of invitation of tender shall be absolutely forfeited to the AIIMS, Bhubaneswar and the same may at the option of the competent authority on behalf of the AIIMS, Bhubaneswar be recovered without prejudice to any right or remedy available in law out of the deposit in so far as the same may extend in terms of the said bond and in the event of deficiency out of any other money due to me/us under this contract or otherwise.

The information in respect of works in hand is as per Performa enclosed.

Court Jurisdiction : "I/we agree that this contract is subject to jurisdiction of Court at Bhubaneswar" only.

Dated : ()

Witness :

Address : Signature of Contractor

Occupation :

Postal Address:

ACCEPTANCE

The above tender (as modified by you as provided in the letters mentioned here under) is accepted by me for an on behalf of the Director, AIIMS, Bhubaneswar for a sum of Rs (Rupees).

The letters referred to be low shall form part of this contract agreement :-

(a)

(b)

For & on behalf of Director,
AIIMS, Bhubaneswar

Signature

Dated :

Designation

AFFIDAVIT

“I/we undertake and confirm that the Physical EMD shall be deposited by me/us with the Superintending Engineer calling the tender incase I/we become the lowest tenderer within a week of opening of the financial bid otherwise department may reject the tender and also take action to withdraw my/our enlistment with AIIMS, BHUBANESWAR or Blacklist me/us from participating in any future tenders of AIIMS, BHUBANESWAR”

(Scanned copy to be submitted at the time of submission of Bid.)

(Name & Signature of Contractor)

ADDITIONAL CONDITIONS

Name of Work : Construction of Public Toilet [02 (Two) Blocks] near Trauma Building & Right Side of Main Entrance at Hospital Complex, AIIMS, Bhubaneswar.

1. The work shall be carried out in accordance with CPWD Specifications Volume I & II and as per direction of Engineer-in-Charge.
2. Approval of the Engineer-in-Charge shall be taken well in advance for the materials to be used in the work by the contractor.
3. All repairs and patch work shall be neatly carried out to match with the original finish and to the entire satisfaction of Engineer-in-Charge. Any damage done to the building during the execution of Civil Work shall be the responsibility of the contractor and the same will be made good immediately at his own cost to the satisfaction of the Engineer-in-Charge. Any expenditure incurred by the department in this connection shall be recovered from the contractor and decision of the Engineer-in-Charge about recovery shall be final.
4. The contractor has to make his own arrangement for store sand watch & ward and no extra claim for this will be entertained.
5. The contractor has to make his own arrangement at his own cost for the entire general and special T & P required on the work.
6. All the debris due to the Civil Works shall be removed from the site by the contractor as soon as the work is completed. Similarly, rejected materials should be immediately cleared from the site by the contractor. **Otherwise, a recovery @50/- per day shall be made.**
7. Central/state sales tax/contract tax excise duty, LABOUR CELL, etc. should be included as applicable in the rates tendered. Statutory deduction of contract tax at source shall be made while releasing payment through running/final bills. Recovery @ 01% on account of Labor Welfare CASS, ITDS, S.D. shall be made from the contractor's bill.
8. Work shall be carried out without causing any inconvenience to the occupants.
9. The materials used in the work shall be of approved make as per following list **and** shall be got approved from Engineer-in-Charge before use at site.
10. If the contract or fails to maintain the required progress to complete the work and clear the site on or before the contractor extended date of completion, he shall, without prejudice to any other right or remedy available under the law to the Government on account of such breach, pay as agreed compensation the amount calculated at the rates stipulated below as the authority specified in schedule 'F' (whose decision in writing shall be final and binding) may decide on the amount of tendered value of the work for every completed day/month (as applicable) or that the work remains incomplete. This will also apply to items or group of items for which a separate period of completion has been specified. Liquidated Damage @ 1.5% per month, will be claimed from the **Service Provider** for delay of work, to be computed on per day basis provided always that the total amount of Liquidated Damage for delay to be paid under this condition **shall not exceed 10%** of the Tendered Value.

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'

Schedule of component of Materials, Labor etc. for escalation.

CLAUSE 10

Component of Materials expressed

As percent of Total Value of Work "X" 75%

Component of Labour expressed as percent of Total Value of Work "Y" 25%

Component of POL expressed as Percent of Total Value of Work "Z" 0%

SCHEDULE 'F'

GENERAL RULES & DIRECTIONS :

Officer Inviting Tender :- Superintending Engineer, Project Cell, 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 = 50%

Definitions

See below

2 (v)	Engineer-in-Charge	Superintending Engineer AIIMS,Bhubaneswar
2(viii)	Accepting Authority	Superintending Engineer AIIMS,Bhubaneswar
2(x)	Percentage on cost of materials and labor to cover all over head and profit	15%
2(xi)	Standard Schedule of Rates	Central Public Works Department Schedule of Rates - 2014 at Delhi with up to date correction slips
9(ii)	Standard AIIMS Contract Form	GCC for CPWD Works - 2014 as amended and up to and including correction slip

Clause – 1.

- (i) Time allowed for submission of Performance guarantee, 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 : 07 Days
- (ii) Maximum allowable Extension with late fee @ 0.1% of Performance guarantee amount beyond the period provided in (i) above. : 01 to 15 days.

Clause – 2.

Authority for fixing compensation under Clause 2 : SE, AIIMS, Bhubaneswar

Clause – 2A.

Whether Clause 2A shall be applicable : No

Clause – 5.

Time allowed for execution of work : 02 (Two) 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, Project Cell, AIIMS, Bhubaneswar

Clause – 6A.

Whether Clause 6A shall be applicable : No.

Clause – 7.

Gross work to be done together with net payment/adjustment of advances for material collected, if any, since the last such payment for being eligible to interim payment : Rs. 01 (One) Lakh.

Clause – 7A.

Whether clause 7A shall be applicable : YES.

Clause – 10.

Reinforcement steel to be used in the work shall have to be procured : TMT bars manufactured by any of the primary producer such as SAIL, TISCO, RINL (VIZAG)

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 2009 with up to date correction slips

Clause – 12.

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

Clause – 16.

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

Clause – 25.

Settlement of dispute & Arbitration : **ERC headed by Director,
AIIMS, Bhubaneswar**

Clause – 36(i).

Requirement of Technical Staff and rate of recovery incase 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/-	Rs Fifteen Thousand only
For Agreement amount between Rs 150 Lakhs to Rs 500 Lakhs	(a)	Graduate Engineer	Civil	Principal Technical representative	5 years	1	Rs 25,000/-	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/-	Rs Fifteen Thousand only

SCHEDULE OF QUANTITIES

AIIMS, Bhubaneswar

NIT No. : AIIMS/BBSR/Engg./003/2017

Name of Work : Construction of Public Toilet [02 (Two) Blocks] near Trauma Building & Right Side of Main Entrance of Hospital Complex, AIIMS, Bhubaneswar.

Item	Sub –head and Item of Work	Quantity	Per	Rate (in Rs.)	Amount (In Rs.)	Remarks
1	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 Sq M on plan), including dressing of sides and ramming of bottoms, lift up to 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50m. All kinds of soil.	48.00	Cu. M			
2	Extra for every additional lift of 1.5 m or part thereof in excavation / banking excavated or stacked materials. All kinds of soil.	7.00	Cu. M			
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 up to 1.5 m.	18.00	Cu. M			
4	Supplying and filling in plinth with river sand under floors, including watering, ramming, consolidating and dressing complete	11.24	Cu. M			
5	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level of 1:4 (1 Cement : 4 coarse sand (zone-III) : 8 graded stone aggregate 40 mm nominal size)	11.00	Cu. M			
6	Providing and laying cement concrete in retaining walls, return walls, walls (any thickness) including attached pilasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window sills, fillets, sunken floor etc., up to floor five level, excluding the cost of centering, shuttering and finishing with 1:2:4 (1 Cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size).	3.50	Cu. M			
7	Providing and laying damp-proof course 40mm thick with cement concrete 1:2:4 (1 cement : 2 coarse sand (zone-III): 4 graded stone aggregate 12.5mm nominal size)	60.75	Sq. M			
8	Providing and laying in position specified grade of reinforced cement concrete, excluding the cost of centering, shuttering, finishing and reinforcement - All work up to plinth level with 1:1.5:3 (1 cement : 1.5 coarse sand (zone-III): 3 graded stone aggregate 20 mm nominal size)	19.00	Cu. M			

9	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 of 1:1.5:3 (1 cement : 1.5 coarse sand (zone-III): 3 graded stone aggregate 20 mm nominal size)	2.50	Cu. M			
10	Reinforced cement concrete work in beams, suspended floors, roofs having slope up to 15° landings, balconies, shelves, chajjas, lintels, bands, plain window sills, staircases and spiral stair cases above plinth level up to floor five level, excluding the cost of centering, shuttering, finishing and reinforcement, with 1:1.5:3 (1 cement : 1.5 coarse sand (zone-III) : 3 graded stone aggregate 20 mm nominal size).	11.00	Cu. M			
11	Reinforced cement concrete work in vertical and horizontal fins individually or forming box louvers, facials and eaves boards above plinth level up to floor five level, excluding the cost of centering, shuttering, finishing and reinforcement with 1:1½:3 (1 cement : 1½ coarse sand (zone-III) : 3 graded stone aggregate 20mm nominal size).	0.35	Cu. M			
12	Centering and shuttering including strutting, propping etc. and removal of form for all heights with :-					
	(a) Foundations, footings, bases of columns, etc. for mass concrete	60.50	Sq. M			
	(b) Suspended floors, roofs, landings, balconies and access platform	49.00	Sq. M			
	(c) Lintels, beams, plinth beams, girders, bressumers and cantilevers	115.52	Sq. M			
	(d) Columns, Pillars, Piers, Abutments, Posts and Struts	46.00	Sq. M			
	(e) Weather shade, Chajjas, corbels etc., including edges	3.00	Sq. M			
13	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.	3,230.00	Kg			
14	Smooth finishing of the exposed surface of R.C.C. work with 6 mm thick cement mortar 1:3 (1 Cement : 3 fine sand).	60.75	Sq. M			
15	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in foundation and plinth in Cement mortar 1:6 (1 cement : 6 coarse sand)	7.23	Cu. M			
16	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in superstructure above plinth level up to floor V level in all shapes and sizes in Cement mortar 1:6 (1 cement : 6 coarse sand)	36.54	Cu. M			
17	Half brick masonry with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in foundations and plinth in Cement mortar 1:4 (1 cement : 4 coarse sand)	12.08	Sq. M			

18	Providing and fixing ISI marked flush door shutters conforming to IS : 2202 (Part I) non-decorative type, core of block board construction with frame of 1st class hard wood and well matched commercial 3 ply veneering with vertical grains or cross bands and face veneers on both faces of shutters with 35 mm thick including ISI marked Stainless Steel butt hinges with necessary screws	6.00	Sq. M			
19	Providing and fixing pressed steel door frames conforming to IS: 4351, manufactured from commercial mild steel sheet of 1.60 mm thickness, including hinges, jamb, lock jamb, bead and if required angle threshold of mild steel angle of section 50x25 mm, or base ties of 1.60 mm, pressed mild steel welded or rigidly fixed together by mechanical means, including M.S. pressed butt hinges 2.5 mm thick with mortar guards, lock strike-plate and shock absorbers as specified and applying a coat of approved steel primer after pre-treatment of the surface as directed by Engineer-in-charge. Profile B (Fixing with adjustable lugs with split end tail to each jamb)	20.00	Meter			
20	Providing and fixing Fiber Glass Reinforced plastic (FRP) Door Frames of cross-section 90 mm x 45 mm having single rebate of 32 mm x 15 mm to receive shutter of 30 mm thickness .The laminate shall be molded with fire resistant grade unsaturated polyester resin and chopped mat. Door frame laminate shall be 2 mm thick and shall be filled with suitable wooden block in all the three legs. The frame shall be covered with fiber glass from all sides. M.S. stay shall be provided at the bottom to steady the frame.	60.00	Meter			
21	Providing and fixing to existing door frames with 30 mm thick Fiberglass Reinforced Plastic (F.R.P.) flush door shutter in different plain and wood finish made with fire retardant grade unsaturated polyester resin, molded to 3 mm thick FRP laminate all around, with suitable wooden blocks inside at required places for fixing of fittings and polyurethane foam (PUF)/ Polystyrene foam to be used as filler material throughout the hollow panel, casted monolithically with testing parameters of F.R.P. laminate conforming to table - 3 of IS: 14856, complete as per direction of Engineer-in-charge.	18.00	Sq. M			
22	Providing and fixing aluminium sliding door bolts, ISI marked anodized (anodic coating not less than grade AC 10 as per IS : 1868), transparent or dyed to required color or shade, with nuts and screws etc. complete. : 300 X16mm	16.00	Each			
23	Providing and fixing aluminium tower bolts, ISI marked, anodized (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required color or shade, with necessary screws etc. complete : 300x10 mm	32.00	Each			
24	Providing and fixing aluminium handles, ISI marked, anodized (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade, with necessary screws etc. complete : 125mm	32.00	Each			

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 up to 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	4.00	Each			
26	Providing and fixing aluminium hanging floor door stopper, ISI marked, anodized (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required color and shade, with necessary screws etc. complete. Twin rubber stopper	8.00	Each			
27	Providing and fixing 1 st quality ceramic glazed wall tiles conforming to IS: 15622 (thickness to be specified by the manufacturer), of approved make, in all colors, shades except burgundy, bottle green, black of any size as approved by Engineer-in-Charge, in skirting, risers of steps and dados, over 12 mm thick bed of cement mortar 1:3 (1 cement : 3 coarse sand) and jointing with grey cement slurry @ 3.3kg per SqM, including pointing in white cement mixed with pigment of matching shade complete.	220.50	Sq. M			
28	Providing and laying rectified Glazed Ceramic floor tiles of size 300x300 mm or more (thickness to be specified by the manufacturer), of 1st quality conforming to IS : 15622, of approved make, in all colors, shades, except White, Ivory, Grey, Fume Red Brown, laid on 20 mm thick Cement Mortar 1:4 (1 Cement : 4 Coarse sand), jointing with grey cement slurry @ 3.3kg/SqM including pointing the joints with white cement and matching pigments etc., complete.	44.00	Sq. M			
29	12 mm cement plaster of mix with 1:6 (1 cement: 6 fine sand)	156.35	Sq. M			
30	15 mm cement plaster on rough side of single or half brick wall of mix with 1:6 (1 cement: 6 coarse sand)	288.79	Sq. M			
31	Distempering with oil bound washable distemper of approved brand and manufacture to give an even shade : New work (two or more coats) over and including water thin able priming coat with cement primer	68.50	Sq. M			
32	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)	162.35	Sq. M			
33	Making plinth protection 50mm thick of cement concrete 1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 20 mm nominal size) over 75mm thick bed of dry brick ballast 40 mm nominal size, well rammed and consolidated and grouted with fine sand, including necessary excavation, leveling & dressing & finishing the top smooth.	22.00	Sq. M			

34	Providing and fixing water closet squatting pan (Indian type W.C. pan) with 100 mm sand cast Iron P or S trap, 10 liter low level white P.V.C. flushing cistern, including flush pipe, with manually controlled device (handle lever) conforming to IS : 7231, with all fittings and fixtures complete, including cutting and making good the walls and floors wherever required : White Vitreous china Orissa pattern W.C. pan of size 580x440 mm with integral type foot rests	12.00	Each			
35	Providing and fixing white vitreous china flat back or wall corner type lipped front urinal basin of 430x260x350 mm and 340x410x265 mm sizes respectively with automatic flushing cistern with standard flush pipe and C.P. brass spreaders with brass unions and G.I clamps complete, including painting of fittings and brackets, cutting and making good the walls and floors wherever required : One urinal basin with 5 liter white P.V.C. automatic flushing cistern	6.00	Each			
36	Providing and fixing wash basin with C.I. brackets, 15 mm diameter CP Brass single hole basin mixer of approved quality and make, including painting of fittings and brackets, cutting and making good the walls wherever required with White Vitreous China Wash basin size 550x400 mm with a 15 mm CP Brass single hole basin mixer	6.00	Each			
37	Providing and fixing P.V.C. waste pipe for sink or wash basin including P.V.C. waste fittings complete. 32 mm dia Semi rigid pipe	6.00	Each			
38	Providing and fixing 600x450 mm beveled edge mirror of superior glass (of approved quality) complete with 6 mm thick hard board ground fixed to wooden cleats with C.P. brass screws and washers complete.	4.00	Each			
39	Providing and fixing 600x120x5 mm glass shelf with edges round off, supported on anodized aluminium angle frame with C.P. brass brackets and guard rail complete fixed with 40 mm long screws, raw plugs etc., complete.	4.00	Each			
40	Providing and fixing soil, waste and vent pipes :100 mm dia. Sand cast iron S&S pipe as per IS: 1729	60.00	Meter			
41	Providing and fixing plain bend of required degree.100 mm diameter and cast iron S&S as per IS : 3989S	12.00	Each			
42	Providing and fixing single equal plain junction of required degree with access door, insertion rubber washer 3 mm thick, bolts and nuts complete. 100x100x100 mm. Sand cast iron S&S as per IS - 1729	12.00	Each			
43	Providing and fixing trap of self cleansing design with screwed down or hinged grating with or without vent arm complete, including cost of cutting and making good the walls and floors :100 mm inlet and 100 mm outlet with Sand cast iron S&S	20.00	Each			
44	Providing and fixing CP brass / stainless jali (grating) with or without hole for waste pipe for floor/nahini trap.100mm diameter weight not less than 100 grams	12.00	Each			

45	Providing and fixing PTMT towel rail complete with brackets fixed to wooden cleats with CP brass screws with concealed fittings arrangement of approved quality and colour. 600mm long towel rail with total length of 645 mm, width 78 mm and effective height of 88 mm, weighing not less than 190gms.	16.00	Each			
46	Providing and fixing PTMT soap Dish Holder with concealed fitting arrangements, weighing not less than 106gms.	16.00	Each			
48	Providing and fixing G.I. pipes complete with G.I. fittings and clamps, i/c cutting and making good the walls etc. with 25 mm diameter nominal bore	80.00	Meter			
47	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and testing of joints complete as per direction of Engineer in Charge. 20 mm nominal outer diameter Pipes	12.00	Meter			
48	Providing and fixing ball valve (brass) of approved quality, High or low pressure, with plastic floats complete :25 mm nominal bore	6.00	Each			
49	Providing and fixing up plasticized PVC connection pipe with brass unions :30 cm length 15 mm nominal bore	6.00	Each			
50	Painting G.I. pipes and fittings with synthetic enamel white paint with two coats over a ready mixed priming coat, both of approved quality for new work : 25 mm diameter pipe	60.00	Meter			
51	Providing and placing on terrace (at all floor levels) polyethylene water storage tank, IS : 12701 marked, with cover and suitable locking arrangement and making necessary holes for inlet, outlet and overflow pipes but without fittings and the base support for tank. Circular tank	2,000.00	Per Liter			
52	Providing and fixing C.P. brass bib cock of approved quality conforming to IS:8931 : 15 mm nominal bore	6.00	Each			
53	Providing and fixing C.P. brass angle valve for basin mixer and geyser points of approved quality conforming to IS:8931. 15mm nominal bore	6.00	Each			

54	Constructing brick masonry manhole in cement mortar 1:4 (1 cement : 4 coarse sand) with R.C.C. top slab with 1:2:4 mix (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size), foundation concrete 1:4:8 mix (1 cement : 4 coarse sand : 8 graded stone aggregate 40 mm nominal size), inside plastering 12 mm thick with cement mortar 1:3 (1 cement : 3 coarse sand) finished with floating coat of neat cement and making channels in cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) finished with a floating coat of neat cement complete as per standard design : Inside size 90x80 cm and 45 cm deep including C.I. cover with frame (light duty) 455x610 mm internal dimensions, total weight of cover and frame to be not less than 38 kg (weight of cover 23 kg and weight of frame 15 kg) : With common burnt clay F.P.S. (non modular) bricks of class designation 7.5	2.00	Each			
55	Grading roof for water proofing treatment with Cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size)	1.52	Cu. M			
56	Providing and fixing 100 mm sand cast Iron grating for gully trap.	2.00	Each			
57	Providing and fixing aluminium work for doors, windows, ventilators and partitions with extruded built up standard tubular sections/ appropriate Z sections and other sections of approved make conforming to IS: 733 and IS: 1285, fixing with dash fasteners of required dia and size, including necessary filling up the gaps at junctions, i.e. at top, bottom and sides with required EPDM rubber/ neoprene gasket etc. Aluminium sections shall be smooth, rust\ free, straight, mitred and jointed mechanically wherever required including cleat angle, Aluminium snap beading for glazing / paneling, C.P. brass / stainless steel screws, all complete as per architectural drawings and the directions of Engineer-in-charge. (Glazing, paneling and dash fasteners to be paid for separately) :For fixed portion with Powder coated aluminium (minimum thickness of powder coating 50 micron)	20.00	Kg			
58	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 5.50 mm thickness	4.00	Sq. M			

Superintending Engineer
Project Cell, AIIMS, Bhubaneswar