



ALL INDIA INSTITUTE OF MEDICAL SCIENCES BHOPAL

अखिल भारतीय आयुर्विज्ञान संस्थान

कार्यालय अधीक्षण अभियंता
परियोजना शाखा, स्वास्थ्य एवं परिवार कल्याण मंत्रालय
साकेत नगर, भोपाल-462020, दूरभाष : 0755-2900697

ई-मेल : ee.electrical@aiimsbhopal.edu.in & se@aiimsbhopal.edu.in

No. 1871/ABEU/AIIMS/BPL/2019-20/

Date: 27/07/2019

NOTICE INVITING QUOTATIONS

Executive Engineer (E), ABEU, AIIMS BHOPAL On behalf of the Director AIIMS Bhopal inviting online quotations from approved & eligible contractor registered with CPWD/ MP PWD/ MES/ BSNL/ Railways in appropriate class & category on **Percentage Rate basis** in **Single Bid System**. The quotations on the basis of total amount on percentage lower or higher basis shall be submitted online on or before **06/08/2019 up to 3:00 PM** and the same will be opened online on **06/08/2019 at 03:30 PM** in presence of willing bidders. The intending bidders may see the uploaded bid documents free of cost on e-tendering website: - www.tenderwizard.com/AIIMSBHOPAL and same can also be seen on AIIMS Bhopal portal i.e- www.aiimsbhopal.edu.in and may also inspect the site at their own cost. No quotations shall be entertained after the stipulated date and time.

Name of work	-	Additional Modification work in Block No. 22, 3 rd floor Neurosurgery ICU in Hospital Building at AIIMS Bhopal.
e-NIQ No.	-	23/NIQ/ABEU/AIIMS/BPL/2019-20
Estimated Cost	-	₹ 6,47,712/-
Earnest Money	-	₹ 12,954/-
Period of Completion	-	02 Months
Schedule of Qty.	-	Attached as Annexure-I
Terms & Conditions	-	Attached as Annexure-II

**INFORMATION AND INSTRUCTIONS FOR CONTRACTORS FOR e-TENDERING
FORMING PART OF NIQ AND POSTED ON WEBSITE**

E – Notice Inviting Quotations

NIQ NO.: 23/NIQ/EE(E)/ABEU/AIIMS/BPL/2019-20

Executive Engineer (E), ABEU, AIIMS BHOPAL On behalf of the Director AIIMS Bhopal inviting online quotations from approved & eligible contractor registered with CPWD/ MP PWD/ MES/ BSNL/ Railways in appropriate class & category on **Percentage Rate basis** for the following work:

NIQ No.	Name of work & Location	Estimated cost put to NIQ	Earnest Money	Period of Completion	Period of submission bid with document	Time & date of opening of NIQ
23/EE(E)/ABEU/AIIMS/BPL/2019-20	Additional Modification work in Block No. 22, 3 rd floor Neurosurgery ICU in Hospital Building at AIIMS Bhopal	₹ 6,47,712/-	₹ 12,954/-	02 Months	06/08/2019 up to 03.00 PM	06/08/2019 up to 03.30 PM

Terms & Conditions:

- The intending bidder must read the terms and conditions carefully. He should only submit his bid online if he considers himself eligible and he is in possession of all the documents required.
- The bid shall be accepted only through online e-Tendering process and all details pertaining to the tender and guidelines for e-tendering are available on the website www.tenderwizard.com/AIIMSBHOPAL & www.aiimsbhopal.edu.in
- Intending contractors need to register themselves on the e-tendering website www.tenderwizard.com/AIIMSBHOPAL to get the USER ID and PASSWORD by paying required registration fee (Annual & Non-Refundable) through E-payment only and completing the steps specified on above referred website.
- The rate quoted should be inclusive of all cost all taxes and GST etc.**
- SPECIAL NOTE: THE PRICE BID AND other document has to be submitted separately on-line at **www.tenderwizard.com/AIIMSBHOPAL**. The date of submission of on-line bid is as per notice inviting quotation.
- Requirements of Vendor :-
 - Registration with portal www.tenderwizard.com/AIIMSBHOPAL .
 - Class-III digital certificate in the name of the Company of the vendor is mandatory (in the name of the Company who will be submitting the EMD & General Information). This may be obtained by calling our helpdesk (011-49424365). Bids will not be recorded without Digital Signature.
 - Bidders will have to pay Tender Processing Fee to **tenderwizard.com/AIIMSBHOPAL** (As per tender wizard require) through E-payment for the tender.

7. The Financial bid must be submitted in given format on e-tendering website: www.tenderwizard.com/AIIMSBHOPAL. The bidder is not required to submit the hard copy of financial bid.
- 8.** The Earnest money can be deposited in form of Demand Draft or Pay order or Banker's Cheque or Deposit at call Receipt or Fixed Deposit Receipts towards cost of EMD, as mentioned above, in favor of **Director, AIIMS, Bhopal** and the EMD for unsuccessful bidders shall be returned after opening of bids. The bids without Earnest Money will be summarily rejected. **The EMD must be submitted in original hard form to tender opening authority by 15:00 Hrs on or before the date of opening of Bids.**
- 9. List of Documents to be scanned and uploaded within the period of bid submission:**
- (A) Contractor Enlistment Order of CPWD/ MP PWD as specified in the NIQ.
 - (B) GSTIN Certificate.
 - (C) Treasury Challan/Demand Draft/Pay order or banker's Cheque/Deposit at call receipt/Bank guarantee of any scheduled Bank against EMD
 - (D) Copy of PAN Card issued by Income Tax Department
 - (E) Scan Copy of Original EMD in favor of Director AIIMS BHOPAL
 - (F) Postal Address, Mobile No. and e-mail ID of bidder.
 - (G) Undertaking for site inspection [Intending bidders must upload undertaking that they have inspected and examined the site and its surrounding before submitting their bids
- 10. The bid not containing required document upload on website will be summarily rejected and financial bids of such bidder will not be considered for opening of Financial Bid.**
11. Payment shall be released after the successful completion of whole or part of work after deducting TDS as per Income tax Rules and any other statutory deductions as per latest Government rules, after full satisfaction of the Engineer In-charge. Payment shall be made through Account Payee Cheque or Electronic Clearing System only and the charges shall be deducted from the bill, if any. Contractor must give bank account details and RTGS details or crossed blank cheque leaf showing complete bank details to enable this office to make electronic payment.
12. Agency may please note that they shall follow the safety and security procedures while working at AIIMS Bhopal as per the Institute's norms.
13. The department reserves the right to reject any prospective application without assigning any reason and to restrict the list of qualified contractors to any number deemed suitable by it, if too many bids are received satisfying the laid down criterion. Similarly the work can also be closed by bidder after giving suitable notice of one month with proper justification and found justifiable by the AIIMS authorities.
14. If the agency is not registered GST department earlier, he has to get register himself with GST department before being eligible for any payment. He should submit required documents to the office of Executive Engineer (E) AIIMS Bhopal in this regard.

15. The work is estimated to cost ₹ 6,47,712/- this estimate, however, is given merely as a rough guide.
16. The time allowed for carrying out the work will be **02 Months** from the date of start which shall be reckoned from the date of issue of letter of award/work order.
17. The competent authority on behalf of the **Director, AIIMS**, 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 bid shall be summarily rejected.
18. 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.
19. The competent authority on behalf of Director, AIIMS, 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.
20. The contractor shall not be permitted to bid for works in the AIIMS, Bhopal if his near relative is posted as Divisional Accountant or 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 officer in the AIIMS, Bhopal. Any breach of this condition by the contractor would render him liable to be removed from the list of eligible bidders for any future bids.
21. **Breach of Terms and Conditions:** In Case of breach of any terms and conditions as mentioned above, the Competent Authority of AIIMS Bhopal will have the right to reject the bid at any stage in the contract period and in that event the EMD and other security deposit, PG available with AIIMS against this work shall also stands forfeited.
22. **Applicable Law:** 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. Any disputes are subject to exclusive jurisdiction of competent court and forum in Bhopal, Madhya Pradesh, India only.
23. The NIQ and other bid documents can be seen at website www.aiimsbhopal.edu.in, www.tenderwizard.com/AIIMSBHOPAL, www.aiimsbhopal.edu.in and www.eprocure.gov.in The intending bidders are advised to have regular watch on AIIMS websites as modification/ corrigendum in terms and conditions shall be made only through website at any time before the last date of receipt of NIQ.
24. Compensation for delay of work under these conditions shall not exceed 10% of the contract amount subject to 1.5% per month or part thereof delay.
25. Income tax @ 2% and other applicable statutory taxes shall be recovered from the bill.

26. Contractor has to be submitting the GST compliant Bill showing work done and GST component separately.
27. Security deposit will be recovered 2.5% which will be released after six month of completion of date of work. The same can be released against FDR of equal amount in favor of Director, AIIMS Bhopal.
28. 1% of gross value of work done shall be deducted on account of Labour Welfare Cess.

Executive Engineer (E)
ABEU, AIIMS BHOPAL

Copy to following for information and wider publicity:-

1. PS to Director, AIIMS, Bhopal.
2. Superintending Engineer, Project Cell, MoHFW, AIIMS, Bhopal.
3. Office of MS/DDA/FA/AO for putting on notice board for wider publicity.
4. Copy forwarded to I.T. Section, AIIMS Bhopal for Publication on website AIIMS Bhopal & Public Purchase portal of GOI and send a copy of proof of publication.
5. Notice Board.

Executive Engineer (E)

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Performa of Percentage Schedule

ALL INDIA INSTITUTE OF MEDICAL SCIENCES, BHOPAL						
NIQ NO. 23/NIQ/ABEU/AIIMS/BPL/2019-20						
Name of Work: - Additional Modification work in at block no. 22, 3rd floor, Neurosurgery ICU in Hospital Building at AIIMS Bhopal.						
SCHEDULE OF QUANTITY						
Name of the Contractor						
Sr. No	Description of Items	Qty	Unit	Quoted rates are negative or positive	Rate in Figures in Rupees	Amount
1	Centering and shuttering including strutting, propping etc. and removal of form for all heights :					
a)	Lintels, beams, plinth beams, girders, bressumers and cantilevers	0.6	Sqm	Normal Item	552.05	331.23
2	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,					
a)	1:1.5:3 (1 cement: 1½ coarse sand (zone-III): 3 graded stone aggregate 20 mm nominal size).	0.02	Cum	Normal Item	9306	186.12
3	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete up-to plinth level.					
a)	Thermo-Mechanically Treated bars of grade Fe-500D or more.	2.6	Kg	Normal Item	83.5	217.10
4	Extra for providing and placing in position 2 Nos. 6mm dia. M.S. bars at every third course of half brick masonry.	24.46	Sqm	Normal Item	80.1	1959.25
5	Half brick masonry with non-modular fly ash bricks of class designation 10, conforming to IS:12894, in super structure above plinth and up-to floor V level.	24.46	Sqm	Normal Item	917	22429.82
6	Providing and fixing ISI marked flush door shutters conforming to IS : 2202 (Part I) decorative type, core of block board construction with frame of 1st class hard wood and well matched teak 3 ply veneering with vertical grains or cross bands and face veneers on both faces of shutters.					
a)	35 mm thick including ISI marked Stainless Steel butt hinges with necessary screws	1.89	Sqm	Normal Item	3023.95	5715.27
7	Providing and fixing bright finished brass tower bolts (barrel type) with necessary screws etc. complete :					
a)	250x10 mm	14	each	Normal Item	373.65	5231.10

8	Providing and fixing aluminum extruded section body tubular type universal hydraulic door closer (having brand logo with 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.	5	each	Normal Item	851.6	4258.00
9	Providing and fixing aluminum sliding door bolts, ISI marked anodized (anodic coating not less than grade AC 10 as per IS : 1868), transparent or dyed to required colour or shade, with nuts and screws etc. complete :					
a)	300x16 mm	6	each	Normal Item	257.15	1542.90
10	Providing and fixing aluminum hanging floor door stopper, ISI marked, anodized (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.					
a)	Twin rubber stopper	12	each	Normal Item	62.05	744.60
11	12 mm cement plaster of mix					
a)	1:6 (1 cement: 6 fine sand)	42.52	Sqm	Normal Item	266.85	11346.46
12	Providing and fixing 1st quality ceramic glazed wall tiles conforming to IS: 15622 (thickness to be specified by the manufacturer), of approved make, in all colours, 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	34.71	sqm	Normal Item	1030.3	35761.71
13	Providing and laying Ceramic glazed floor tiles of size 300x300 mm(thickness to be specified by the manufacturer) of 1st quality conforming to IS : 15622 of approved make in colours such as 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 pigment etc., complete.	15.75	Sqm	Normal Item	926.9	14598.68
14	Providing and applying white cement based putty of average thickness 1 mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete.	42.52	Sqm	Normal Item	115.15	4896.18
15	Wall painting with acrylic emulsion paint of approved brand and manufacture to give an even shade :					
a)	Two or more coats on new work	42.52	sqm	Normal Item	128.65	5470.20
16	Dismantling tile work in floors and roofs laid in cement mortar including stacking material within 50 meters lead.					
a)	For thickness of tiles 10 mm to 25 mm	15.75	sqm	Normal Item	54.85	863.89

17	Providing and fixing white vitreous china pedestal type water closet (European type) with seat and lid, 10 litre low level white vitreous china flushing cistern & C.P. flush bend with fittings & C.I.brackets, 40mm flush bend, overflow arrangement with specials of standard make and mosquito proof coupling of approved municipal design complete including painting of fittings and brackets, cutting and making good the walls and floors wherever required :					
a)	W.C. pan with ISI marked white solid plastic seat and lid	1	each	Normal Item	6685	6685.00
18	Providing and fixing 8 mm dia C.P. / S.S. Jet with flexible tube upto 1 metre long with S.S. triangular plate to European type W.C. of quality and make as approved by Engineer - in - charge.	1	each	Normal Item	297.55	297.55
19	Providing and fixing toilet paper holder :					
a)	C.P. brass	1	each	Normal Item	583.75	583.75
20	Providing and fixing soil, waste and vent pipes :					
a)	Centrifugally cast (spun) iron socket & spigot (S&S) pipe as per IS: 3989					
	100mm	21	metre	Normal Item	1092.2	22936.20
21	Providing and fixing bend of required degree with access door, insertionrubber washer 3 mm thick, bolts and nuts complete.					
a)	100 mm dia					
	Sand cast iron S&S as per IS - 3989	6	each	Normal Item	461.65	2769.90
22	Providing and fixing plain bend of required degree.					
a)	100 mm dia					
	Sand cast iron S&S as per IS : 3989	5	each	Normal Item	390.75	1953.75
23	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					
a)	Sand cast iron S&S as per IS - 3989	1	each	Normal Item	722.55	722.55
24	Providing and fixing single equal plain junction of required degree					
	100x100x100 mm					
a)	Sand cast iron S&S as per IS - 3989	6	each	Normal Item	667.7	4006.20
25	Providing and fixing collar :					
	100 mm					
a)	Sand cast iron S&S as per IS - 3989	6	each	Normal Item	409.45	2456.70
26	Providing lead caulked joints to sand cast iron/centrifugally cast					
a)	100 mm	50	each	Normal Item	481.45	24072.50

27	Providing and fixing M.S. stays and clamps for sand cast iron/centrifugally cast (spun) iron pipes of diameter:					
a)	100 mm	24	each	Normal Item	126.5	3036.00
28	Providing and fixing floor trap complete, including cost of cutting and making good the walls and floors :					
a)	100 mm inlet and 100 mm outlet					
	Sand cast iron S&S as per IS: 3989	3	each	Normal Item	1512.55	4537.65
29	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.					
a)	20 mm nominal outer dia Pipes	25	metre	Normal Item	306.95	7673.75
30	Providing and fixing anodized aluminum 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, fixed with rawl plugs and screws or with fixing clips, or with expansion hold fasteners including necessary filling up of gaps at junctions, at top, bottom and sides with required approved silicone sealant etc. Aluminum sections shall be smooth, rust free, straight, mitred and jointed mechanically wherever required including cleat angle, Aluminum 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 and paneling to be paid for separately).					
a)	a) For fixed portion.					
	b) Polyester powder coated aluminum (minimum thickness of polyester powder coating 50 micron.	342.8	Kg	Normal Item	464.7	159306.13
31	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)					
a)	Polyester powder coated aluminum (minimum thickness of polyester powder coating 50 micron)	172.2	Kg	Normal Item	554.95	95540.19
32	Providing and fixing 12mm thick pre-laminated particle board flat pressed three layer or graded wood particle board conforming to IS: 12823 Grade I Type II, in paneling fixed in aluminum 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.					
a)	Pre-laminated particle board with decorative lamination on both sides.	34	sqm	Normal Item	1046.9	35594.60

33	Providing and fixing glazing in aluminum 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 aluminum snap beading shall be paid in basic item):					
a)	With float glass panes of 5.50 mm thickness	18.4	sqm	Normal Item	1296.4	23853.76
34	Providing and fixing double action hydraulic floor spring of approved brand and manufacture conforming to IS : 6315, having brand logo embossed on the body / plate with double spring mechanism and door weight up-to 125 kg, for doors, including cost of cutting floors, embedding in floors as required and making good the same matching to the existing floor finishing and cover plates with brass pivot and single piece M.S. sheet outer box with slide plate etc. complete as per the direction of Engineer-in-charge.					
a)	With stainless steel cover plate minimum 1.25 mm thickness	10	each	Normal Item	2412.5	24125.00
35	Providing and fixing brass locks 100mm mortise latch and lock with 6levers without pair of handles (best make of approved quality) for aluminum doors including necessary cutting and making good etc. complete.	6	each	Normal Item	458.55	2751.30
36	Providing and fixing aluminum round shape handle of outer dia 100 mm with SS screws etc. complete as per direction of Engineer-in-charge					
a)	Polyester powder coated minimum thickness 50 micron aluminum	10	each	Normal Item	88.95	889.50
37	Core cutting and repairing (leak proof) in exiting floor at required location for fixing of draing fittings as directed by Engineer-in-charge	4	each	Normal Item	1382	5528.00
38	Providing and fixing Sluice sink/Bedpan Sink made up of 304 stainless steel of size 625mm(L) X 508 mm(D)X 490 mm including S.S 304 P trap pipe ,flaxible pipe extension , CPVC flush tank . Horizontal and vertical corners curved to ¼” radius. Front corners are to be welded and all welds ground and polished to MAT finish. The design of basin shall be approved by Engg-in-charge.(CMP Make MODEL No.-CMPWMBPS-1 or Equivalent)					
a)	Sluice sink/Bedpan Sink	2	each	Normal Item	51420.00	102840.00
Grand Total						647712.00
Percentage above/ below OR At Par rate the estimated cost						
Grant Total Amount						-
						-100.00
Contractor Percentage in words						

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PARTICULAR SPECIFICATIONS & SPECIAL CONDITIONS

1. GENERAL

- 1.1 The contractor shall take instructions from the Engineer-in-charge for stacking of materials at site. No excavated earth or building materials shall be stacked on areas where the buildings, roads, services or compound walls are to be constructed.
- 1.2 Unless otherwise provided in the Schedule of quantities, the rates tendered by the contractor shall be all inclusive and shall apply to all heights, lifts, leads and depths of the building and nothing shall be payable to him on this account.
- 1.3 The working drawings appearing at para 8.1(iii) of conditions of contract in the form CPWD-7/8, shall mean to include both architectural and structural drawings respectively. The structural and architectural drawings shall be properly correlated before executing the work. In case of any difference noticed between architectural and structural drawings, final decision, in writing of the Engineer-in-charge shall be obtained by the contractor before proceeding further.
- 1.4 Some restrictions may be imposed by the security staff etc. on the working and for movement of labour, materials etc. The contractor shall be bound to follow all such restriction / instructions including issue of identity cards to all persons authorized by him to do work / visit the work site and nothing shall be payable on this account.
- 1.5 Water and electricity will be supplied by department free of cost. (if required)
- 1.6 The contractor shall conduct his work, so as not to interfere with or hinder the progress or completion of the work being performed by other contractor (s) or by the Engineer-in-Charge and shall as far as possible arrange his work and shall place and dispose off the materials being used or removed, so as not to interfere with the operations of other contractors, or he shall arrange his work with that of the others in an acceptable and coordinated manner and shall perform it in proper sequence to the complete satisfaction of Engineer-in-Charge. The contractor shall be responsible for any damage due to hindrance caused by him.
- 1.7 ~~Cast iron pipes and fittings without ear shall be used. However, pipes and fittings with ears may be accepted without any extra payment. In such cases, clamps are not required and no extra payment shall be made for fixing the pipes in a different manner.~~
- 1.8 ~~Any cement slurry added over base surface for bond or for continuation of concreting, for protecting reinforcement bars, its cost shall be deemed to have been included in the respective items, unless specified otherwise and nothing extra shall be payable nor extra cement shall be considered in the cement consumption on this account.~~
- 1.9 Stacking of materials and excavated earth including its disposal shall be done as per the directions of the Engineer-in-Charge. Double handling of materials or excavated earth if required at any stage shall have to be done by the contractor at his own cost.
- 1.10 No claim for idle establishment & labour, machinery & equipments, tools & plants and the like, for any reason whatsoever, shall be admissible during the execution of work as well as after its completion.
- 1.11 Only Star headed Stainless Steel screws shall be used unless otherwise specified.

- 1.12 **Work shall be carried out in professional manner with finished product serving the intended purpose with specified strength, durability and aesthetics.**
- 1.13 Work activities shall be executed in well thought out sequences such that consequent activities not adversely affecting previously done work. Nothing extra shall be payable to protect the works already done.
- 1.14 The contractor shall prepare all the needed shop drawings well in advance and get them approved before placing the order and execution of the item.
- 1.15 The contractor shall, at his risk and cost, make all arrangements and shall provide all facilities as the Engineer-in-Charge may require for collecting, and preparing the required number of samples for such tests at such time and to such place or places as may be directed by the Engineer - in -Charge and bear all charges and cost of testing unless specifically provided for otherwise elsewhere in the contract or specifications.
- 1.16 The contractor shall not store /dump construction material or debris on metalled road.
- 1.17 The contractor shall get prior approval from Engineer-in-charge for the area where the construction material or debris can be stored beyond the metalled road. This area shall not cause any obstruction to the free flow of traffic / inconvenience to the pedestrians. It should be ensured by the contractor that no accidents occur on account of such permissible storage.
- 1.18 The contractor shall take appropriate protection measures like raising wind breakers of appropriate height on all sides of the plot / area using CGI sheets or plastic and / or other similar material to ensure that no construction material dust fly outside the plot area.
- 1.19 The contractor shall ensure that all the trucks or vehicles of any kind which are used for construction purposes / or are carrying construction material like cement, sand and other allied material are fully covered. The contractor shall take every necessary precautions that the vehicles are properly cleaned and dust free to ensure that en route their destination, the dust, sand or any other particles are not released in air / contaminate air.
- 1.20 The contractor shall provide mask to every worker working on the construction site and involved in loading, unloading and carriage of construction material and construction debris to prevent inhalation of dust particles.
- 1.21 The contractor shall provide all medical help, investigation and treatment to the workers involved in the construction of building and carry of construction material and debris relatable to dust emission.
- 1.22 The contractor shall ensure that C&D waste is transported to the C & D waste site only and due record shall be maintained by the contractor.
- 1.23 The contractor shall compulsory use of wet jet in grinding and stone cutting.
- 1.24 The contractor shall ensure that the construction material is covered by tarpaulin. The contractor shall take all other precaution to ensure that no dust particles are permitted to pollute air quality as a result of such storage.

2. RATE

- 2.1 The rates quoted by the Contractor are deemed to be inclusive of site clearance, setting out work, profile, setting lay out on ground, establishment of reference bench mark(s), installing various signage, taking spot levels, survey with total station, construction of all safety and protection devices, compulsory use of helmet and safety shoes, and other appropriate safety gadgets by workers, imparting continuous training for all the workers, barriers, preparatory works, construction of clean, hygienic and well ventilated workers housings in sufficient numbers as per drawing supplied by Engineer in charge, working during monsoon or odd season, working beyond normal hours, working at all depths, height, lead, lift, levels and location etc. and any other unforeseen but essential incidental works required to complete this work. Nothing extra shall be payable on this account and no extension of time for completion of work shall be granted on these accounts.
- 2.2 The rates quoted by the tenderer, shall be firm and inclusive of all taxes and levies.
- 2.2.1 **Contractor has to be submit the GST compliant Bill showing work done and GST component separately.**
- 2.3 No foreign exchange shall be made available by the Department for importing (purchase) of equipment, plants, machinery, materials of any kind or any other items required to be carried out during execution of the work. No delay and no claim of any kind shall be entertained from the Contractor, on account of variation in the foreign exchange rate.
- 2.4 All ancillary and incidental facilities required for execution of work like labour camp, stores, fabrication yard, offices for Contractor, watch and ward, temporary ramp required to be made for working at the basement level, temporary structure for plants and machineries, water storage tanks, installation and consumption charges of temporary electricity, telephone, water etc. required for execution of the work, liaison and pursuing for obtaining various No Objection Certificates, completion certificates from local bodies etc., protection works, testing facilities / laboratory at site of work, facilities for all field tests and for taking samples etc. during execution or any other activity which is necessary (for execution of work and as directed by Engineer-in-Charge), shall be deemed to be included in rates quoted by the Contractor, for various items in the schedule of quantities. Nothing extra shall be payable on these accounts. Before start of the work, the Contractor shall submit to the Engineer-in-Charge, a site / construction yard layout, specifying areas for construction, site office, positioning of machinery, material yard, cement & other storage, fabrication yard, site laboratory, water tank etc.
- 2.5 For completing the work in time, the Contractor might be required to work in two or more shifts (including night shifts). No claim whatsoever shall be entertained on this account, not with-standing the fact that the Contractor may have to pay extra amounts for any reason, to the laborers and other staff engaged directly or indirectly on the work according to the provisions of the labour and other statutory bodies regulations and the agreement entered upon by the Contractor with them.
- 2.6 All material shall only be brought at site as per program finalized with the Engineer-in-Charge. Any pre-delivery of the material not required for immediate consumption shall not be accepted and thus not paid for.
- 2.7 Any damage to the existing installation/ equipment/ work shall be the responsibility of the contractor and should be repaired immediately on his own cost for which nothing extra shall be paid by the department.
- 2.8 As the work to be carried out as in occupied hospital building, proper care to be taken by the agency by issuing ID cards etc. to the workers for identification.

3. CLEANLINESS OF SITE

The Contractor shall not stack building material / malba / muck/ rubbish on the land or road of the local development authority or on the land owned by the others, as the case may be. So the muck, rubbish etc. shall be removed periodically as directed by the Engineer-in-Charge, from the site of work to the approved dumping grounds as per the local byelaws and regulations of the concerned authorities and all necessary permissions in this regard from the local bodies shall be obtained by the Contractor. Nothing extra shall be payable on this account. In case, the Contractor is found stacking the building material / malba as stated above, the Contractor shall be liable to pay the stacking charges / penalty as may be levied by the local body or any other authority and also to face penal action as per the rules, regulations and bye-laws of such body or authority. The Engineer –in-Charge shall be at liberty to recover, such sums due but not paid to the concerned authorities on the above counts, from any sums due to the Contractor including amount of the Security Deposit and performance guarantee in respect of this contract agreement.

4. INSPECTION OF WORK

In addition to the provisions of relevant clauses of the contract, the work shall also be open to inspection by the senior officers of CPWD in addition of the Engineer-in-Charge and his authorized representative. The contractor shall at times during the usual working hours and at all times at which reasonable notices of the intention of the Engineer-in-Charge or other officers as stated above to visit the works shall have been given to the Contractor, either himself be present to receive the orders and instructions or have a responsible Site Engineer duly accredited in writing, to be present for that purpose Senior Officers of CPWD Authorities shall be inspecting the on-going work at site at any time with or without prior intimation.

5. SAFETY MEASURES AT CONSTRUCTION SITE

In order to ensure safe construction, following shall be adhered for strict compliance at the site:-

- (i) The work site shall be properly barricaded.
- (ii) Adequate singnages indicating ‘Work in Progress – Inconvenience caused is regretted’ or Diversion Signs shall be put on the sites conspicuously visible to the public even during night hours. These are extremely essential where works are carried out at public places in use by the public.
- (iii) The construction malba at site shall be regularly removed on daily basis.
- (iv) All field officials and the workers must be provided with safety helmets, safety shoes and safety belts.
- (v) Proper MS pipe scaffoldings with work – platforms and easy-access ladders shall be provided at site to avoid accidents.

Necessary First-Aid kit shall be available at the site.

The above provisions shall be followed in addition to the provisions of General Condition of Contract.

6. LIST OF APPROVED MATERIALS (CIVIL)

Note:

1. Unless otherwise specified, the brand/make of the material as specified in the item nomenclature or in the particular specifications or in the list of approved materials attached in the tender shall be used in the work.
2. Whenever the specified brand of material is not available than, the Engineer-in-charge may approve any material equivalent to that specified subject to proof being offered by the Contractor for its equivalence and its non-availability to his satisfaction.

Sr. No.	<u>Materials</u>	Brand / Make
1	TMT Bar	Jindal/ TATA Tisco/ SAIL/ RINL/ Appolo
2	Flush Doors and Particle Board	Kitply/ Centuary/ Greenlam/ Greenply/ Archid
3	Aluminum Fittings	Argent/ Classic/ Oxford
4	Ceramic Tiles	Johnson/ Kajaria/ Orient
5	Plastic/ synthetic/ acrelie enamel paint	Asian/ Nerolac/ Burger/ ICI Delux (1 st Quality)
6	Sanitary / Plumbing fittings (WC, washbasin)	Perryware/ Hindware/ Somani/ Prnayag
7	Jet Spray/ Health faucet	Prayag/ Jaguar/ Plumber
8	CI Pipe and Fittings	NICCO / SKF
9	CPVC Pipe	Ashirwad/ Prayag/ Astral
10	Mirror / Glass	Sant govin/ Ashi/ Modigaurd
11	PTMT Fittings	Prayag/ Prince/ India/ Symat
12	Aluminum	Jindal/ Hindalco/ Maan
13	Friction Stay	EBCO/ Earl Bihari/ hettick
14	Door Locks (Handle)/ Door Closure/ Floor Spring	Godrej/ Dorma/ Hettich

Note: Use of any other items will be approved by Engineer-in-Charge before installation.

Assistant Engineer (E)
ABEU, AIIMS, Bhopal

Executive Engineer (E)
ABEU, AIIMS BHOPAL



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