

अनुरक्षण एवं अभियांत्रिकी इकाई
MAINTENANCE & ENGINEERING UNIT
 भाकृअनुप-भारतीय कृषि अनुसंधान संस्थान
ICAR-INDIAN AGRICULTURAL RESEARCH INSTITUTE
 नई दिल्ली-१२
NEW DELHI-12.

No. 165-37/19-20/ME Unit

Dated : 30-09-2019

e-QUOTATION NOTICE

Online quotation are hereby invited on behalf of the Director, IARI from the Contractors Registered with CPWD, MES, Railways, MCD, PWD or other Central/State Govt./Semi Govt. agencies. The contractor must have valid IT-PAN/VAT/TIN and GST registration number and having experience of Two similar nature of works in last three years for the work mentioned below:

S. No.	Ref. No.	Name of work & Location	Estimated cost put to bid	Earnest Money	Period of Completion	Last date & time of submission of bid, EMD, e-tender processing fee and other Document as specified in the press notice	date & time of opening of bid
1		3	4	5	6	8	9
1.	No. 165-37/19-20/ME Unit	P/g General toilet block facility and improvement of surroundings at Faculty club premises at IARI, New Delhi-12.	Rs. 4,92,591.00	Rs. 10,000.00	Two Months	Upto 14:30 hours on 15.10.19	16.10.19 at 15:00 hours

EMD of Rs. 10,000/ Rupees Ten Thousand Only) should be in the form of D.D./Pay Order/Fixed Deposit Receipt/Bank Guarantee from commercial bank drawn in favour of **Director, IARI** payable at New Delhi. The original EMD should be submitted to the Tender Inviting Authority on or before the last date and time of online bid submission. The details of D.D./Pay Order/Fixed Deposit Receipt/Bank Guarantee physically sent, should tally with the details available in the scan copy and the data enter during the online bid submission time otherwise the uploaded bid will be rejected.

The Online Tender Documents can also be view from the IARI Website www.iari.res.in. & www.eprocure.gov.in. **Demand Draft/Pay Order in favour of Director IARI for Rs. 500/- (Rs. Five Hundred only)** must be submitted to the Tender Inviting Authority on or before the last date and time of online bid submission. The details of D.D./Pay Order/ physically sent, should tally with the details available in the scan copy and the data enter during the online bid submission time otherwise the uploaded bid will be rejected.

Asstt. Admn. Officer (Works)

F.N. 165-37/19-20/MEU

Name of the work: P/g General toilet block facility and improvement of surroundings at Faculty club premises at IARI, New Delhi-12.

ESTIMATE/SCHEDULE OF WORK

S.No	Particular	Qty	Unit	Rate	Amount
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 sqm on plan), including dressing of sides and ramming of bottoms, lift upto 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m. All kinds of soil.	5.35	Cum	252.30	1349.81
2	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : 1:5:10 (1 cement : 5 coarse sand (zone-III): 10 graded stone aggregate 40 mm nominal size)	5.00	cum	5520.30	27601.50
3	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in foundation and plinth in: Cement mortar 1:4 (1 cement : 4 coarse sand)	2.55	cum	6376.25	16259.44
4	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 1:4 (1 cement : 4 coarse sand)	8.00	cum	7809.25	62474.00
5	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, i/c fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer in Charge. Concealed work, including cutting chases and making good the walls etc. 20 mm nominal outer dia Pipes	40.00	m	478.15	19126.00
6	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.	45.00	sqm	1030.30	46363.50
7	Providing and laying rectified Glazed Ceramic floor tiles of size 300x300 mm or more (thickness to be specified by the manufacturer), of 1 st quality conforming to IS : 15622, of approved make, in colours 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 @ 3.3 kg/sqm including grouting the joints with white cement and matching pigments etc., complete.	9.00	sqm	1088.40	9795.60

8	Making plinth protection 50mm thick of cement concrete 1:3:6 (1 cement : 3 coarse sand (zone - III) : 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, levelling & dressing & finishing the top smooth.	8.00	sqm	614.05	4912.40
9	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)	1.52	sqm	347.90	528.81
10	Steel work welded in built up sections/ framed work, including cutting,hoisting, fixing in position and applying a priming coat of approved steelprimer using structural steel etc. as required. In gratings, frames, guard bar, ladder, railings, brackets, gatesand similar works	100	kg	131.00	13100.00
11	Half brick masonry 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. Cement mortar 1:4 (1 cement :4 coarse sand)	9.00	sqm	932.10	8388.90
12	Providing and fixing white vitreous china pedestal type water closet (European type W.C. pan) with seat and lid, 10 litre 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 : W.C. pan with ISI marked white solid plastic seat and lid	1	Nos	5260.95	5260.95
13	Providing and fixing white vitreous china flat back half stall urinal of size 580x380x350 mm with white PVC automatic flushing cistern,with fittings, standard size C.P. brass flush pipe, spreaders withunions and clamps (all in C.P. brass) with waste fitting as per IS :2556, C.I. trap with outlet grating and other couplings in C.P. brass, including painting of fittings and cutting and making good the wallsand floors wherever required : Range of two half stall urinals with 5 litre P.V.C. automatic flushing cistern	1	set	14020.75	14020.75
14	Providing and fixing 1mm thick M.S. sheet door with frame of 40x40x6 mm angle iron and 3 mm M.S. gusset plates at the junctions and corners, all necessary fittings complete, including applying a priming coat ofapproved steel primer. Using flats 30x6mm for diagonal braces and central cross piece	1.88	sqm	4278.15	8042.92
15	35 mm thick factory made Solid panel PVC Door shutter, made out of single piece extruded soild PVC profiles, 5 mm (± 0.2 mm) thick, having styles & rails (except lock rail) of size 95 mmx 35 mm x 5 mm, out of which 75 mm shall be flat and 20 mm shall be tapered (on both side), having one side thickness of 15 mm integrally extruded on the hinge side of the profile for better screw holding power, including reinforcing with MS tube of size 40 mm X 20 mm x 1 mm, joints of styles & rails to be mitered cut & joint with the help of PVC solvent cement, self driven self tapping screws & M.S. rectangular pipes bracket of size 190 mm X 100 mm of cross section size 35 mm x 17 mm x 1 mm at each corner. Single piece extruded 5 mm thick solid PVC Lock rail of size 115 mm x 35 mm, out of which 75 mm to be flat and 20 mm to be tapered at both ends, having 15 mm solid core in middle of rail section integrally extruded, fixing thestyles & rails with the help of solvent and self driven self tapping screws of 125 mm x 11 mm, including providing	1.57	sqm	3842.85	6033.28

	5 mm Single piece solid PVC extruded sheet inserted in the door as panel, all complete as per manufacturer's specification and direction of Engineer-in-charge. Decorative finish (wood grained finish)				
16	Structural steel work in single section, fixed with or without connecting plate, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete.	240	kg	86.05	20652.00
17	40 mm thick fine dressed stone flooring over 20 mm (average) thick base of cement mortar 1:5 (1 cement : 5 coarse sand) with joints finished flush. Red sand stone	11.00	Sqm	888.95	9778.45
18	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : 1:2:4 (1 cement : 2 coarse sand (zone-III) : 4 graded stone aggregate 20 mm nominal size)	1.00	Cum	6788.60	6788.60
19	Crazy ceramic tile flooring, with under layer 12 mm thick cement mortar 1:4 (1 cement: 4 coarse sand), with joints not exceeding 5 mm, including filling the gaps with ordinary cement mixture & mixing with synthetic polyester fibre, triangular in shape having specific gravity of 1.34 to 1.40, cross section size ranging from 10 to 40 micron & length upto 6 mm , mixing fibre @ 125 grams per 50 kg of cement in cement mortar, including providing and mixing water proofing material in mortar @ 1 kg per 50 kg of cement, all complete as per direction of Engineer-in-charge.	11.00	Sqm	735.65	8092.15
20	CEMENT PLASTER (IN FINE SAND) 12 mm cement plaster: 1:4 (1 cement : 4 fine sand)	46.00	Sqm	266.85	12275.10
21	Finishing walls with Premium Acrylic Smooth exterior paint with Silicone additives of required shade: New work (Two or more coats applied @ 1.43 ltr/10 sqm over and including priming coat of exterior primer applied @ 2.20 kg/10 sqm)	46.00	Sqm	161.15	7412.90
22	Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade : Two or more coats on new work over an under coat of suitable shade with ordinary paint of approved brand and manufacture	7.00	Sqm	177.15	1240.05
23	Excavating trenches of required width for pipes, cables, etc including excavation for sockets, and dressing of sides, ramming of bottoms, depth upto 1.5 m, including getting out the excavated soil, and then returning the soil as required, in layers not exceeding 20 cm in depth, including consolidating each deposited layer by ramming, watering, etc. and disposing of surplus excavated soil as directed, within a lead of 50 m : All kinds of soil Pipes, cables etc. exceeding 80 mm dia. but not exceeding 300 mm dia	20.00	M	364.20	7284.00
24	Providing, laying and jointing glazed stoneware pipes class SP-1 with stiff mixture of cement mortar in the proportion of 1:1 (1 cement : 1 fine sand) including testing of joints etc. complete : 19.1.2 150 mm diameter	20.00	M	500.20	10004.00
25	Providing and fixing square-mouth S.W. gully trap class SP-1 complete with C.I. grating brick masonry chamber with water tight C.I. cover with frame of 300 x300 mm size (inside) the weight of cover to be not less than 4.50 kg and frame to be not less than 2.70 kg as per standard design: With Sewer bricks conforming to IS : 4885	3.00	Mos	2413.65	7240.95

26	Providing and laying factory made chamfered edge Cement Concrete paver blocks in footpath, parks, lawns, drive ways or light traffic parking etc, of required strength, thickness & size/ shape, made by table vibratory method using PU mould, laid in required colour & pattern over 50mm thick compacted bed of sand, compacting and proper embedding/laying of inter locking paver blocks into the sandbedding layer through vibratory compaction by using plate vibrator,filling the joints with sand and cutting of paver blocks as per requiredsize and pattern, finishing and sweeping extra sand. complete all asper direction of Engineer-in-Charge. 60mm thick cement concrete paver block of M-35 gradewith approved colour, design & pattern.	150.00	Sqm	884.75	132712.50
27	Providing and fixing wash basin with C.I. brackets, 15 mm C.P. brass pillar taps, 32 mm C.P. brass waste of standard pattern, including painting of fittings and brackets, cutting and making good the walls wherever require: 17.7.2 White Vitreous China Wash basin size 630x450 mm witha single 15 mm C.P. brass pillar tap	1.00	Nos	2751.30	2751.30
28	Providing and fixing C.P. brass angle valve for basin mixer and geyser points of approved quality conforming to IS:8931 15mm nominal bore	5.00	Nos	532.00	2660.00
29	Providing and fixing C.P. brass long body bib cock of approved quality conforming to IS standards and weighing not less than 690 gms. 15 mm nominal bore	2.00	Nos	552.35	1104.70
30	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.	1.00	Nos	1283.05	1283.05
31	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 : Sand cast iron S&S as per IS: 3989	5.00	nos	1512.55	7562.75
32	Granite of any colour and shade Area of slab upto 0.50 sqm	0.45	Sqm	4217.35	1897.81
33	Providing and fixing 8 mm dia C.P. / S.S. Jet with flexible tube upto 1 metre long with S.S. triangular plate to Eureopean type W.C. of quality and make as approved by Engineer - in - charge.	1.00	Nos	297.55	297.55
34	Providing and fixing P.V.C. waste pipe for sink or wash basin including P.V.C. waste fittings complete. 40 mm dia	3.00	Nos	98.40	295.20
35	removing of malba/ rubbish by mechanical truck @300 per truck including loading unloading & stacking beyond 20 KM	1.00	Truck	3000.00	3000.00
36	P/f Electrical switch,socket,board & copper wiring including conduiting of standard make & design (Phillips brand) complete as per the direction of Engineer In- charge.	2.00	Nos	2500.00	5000.00
				Total	4,92,591.00

Subject to the following terms & conditions:-

1. The work shall be executed as per CPWD specifications.
2. Income Tax, work Tax & work cess as per norms shall be recovered from the bill.
3. 1% water & electricity charges will be recovered from the bill if supplied by the Department.
4. The work shall start within 7 days from the date of award and complete within Two month failing which a penalty @ 1% per week delay will be imposed on the bill amount maximum upto 10%.
5. All the material, laboures, T & P etc. required will be arranged by the firms itself.
6. The agency shall deposit security @ 5% of the sanctioned amount including EMD.
7. Any other item to be required at site to complete the work be executed as per lowest quoted rates. A revised sanction shall be obtained if actual expenditure exceeded the sanctioned value.
8. The rates quoted shall remain valid for 180 days from the date of opening of quotations/tenders.
9. A running payment of 1/3rd or more amounts may be released on satisfactory completion of equivalent amount of work.
10. The Director, IARI has the right to reject any or all the quotations/tenders without assigning any reason.

Seal & Signature of the Agency:-.....

**Er. Vikas Kumar
(T-4)**

**(Er.Charan Singh)
Asst. Chief Tech. Officer, ME Unit**

Special Instructions to the Contractors/Bidders for the e-submission of the bids online through this e-Procurement Portal

1. Bidder should do Online Enrolment in this Portal using the option Click Here to Enroll available in the Home Page. Then the Digital Signature enrollment has to be done with the e-token, after logging into the portal. The e-token may be obtained from one of the authorized Certifying Authorities such as eMudhraCA/GNFC/IDRBT/MtnlTrustline/SafeScrpT/TCS.

2. Bidder then logs into the portal giving user id / password chosen during enrolment.
3. The e-token that is registered should be used by the bidder and should not be misused by others.
4. DSC once mapped to an account cannot be remapped to any other account. It can only be Inactivated.
5. The Bidders can update well in advance, the documents such as certificates, purchase order details etc., under My Documents option and these can be selected as per tender requirements and then attached along with bid documents during bid submission. This will ensure lesser upload of bid documents.
6. After downloading / getting the tender schedules, the Bidder should go through them carefully and then submit the documents as per the tender document, otherwise, the bid will be rejected.
7. The BOQ template must not be modified/replaced by the bidder and the same should be uploaded after filling the relevant columns, else the bidder is liable to be rejected for that tender. Bidders are allowed to enter the Bidder Name and Values only.
8. If there are any clarifications, this may be obtained online through the e-Procurement Portal, or through the contact details given in the tender document. Bidder should take into account of the corrigendum published before submitting the bids online.
9. Bidder, in advance, should prepare the bid documents to be submitted as indicated in the tender schedule and they should be in PDF/XLS/RAR/DWF formats. If there is more than one document, they can be clubbed together
10. Bidder should arrange for the EMD as specified in the tender. The original should be posted/couriered/given in person to the Tender Inviting Authority, within the bid submission date and time for the tender
11. The bidder reads the terms and conditions and accepts the same to proceed further to submit the bids.
12. The bidder has to submit the tender document(s) online well in advance before the prescribed time to avoid any delay or problem during the bid submission process.
13. There is no limit on the size of the file uploaded at the server end. However, the upload is decided on the Memory available at the Client System as well as the Network bandwidth available at the client side at that point of time. In order to reduce the file size, bidders are suggested to scan the documents in 75-100 DPI so that the clarity is maintained and also the size of file also gets reduced. This will help in quick uploading even at very low bandwidth speeds.
14. It is important to note that, the bidder has to Click on the Freeze Bid Button, to ensure that he/she completes the Bid Submission Process. Bids Which are not Frozen are considered as Incomplete/Invalid bids and are not considered for evaluation purposes.
15. In case of Offline payments, the details of the Earnest Money Deposit(EMD) document submitted physically to the Department and the scanned copies furnished at the time of bid submission online should be the same otherwise the Tender will be summarily rejected.
16. The Tender Inviting Authority (TIA) will not be held responsible for any sort of delay or the difficulties faced during the submission of bids online by the bidders due to local issues.
17. The bidder may submit the bid documents online mode only, through this portal. Offline documents will not be handled through this system.
18. At the time of freezing the bid, the e-Procurement system will give a successful bid updation message after uploading all the bid documents submitted and then a bid summary will be shown with the bid no, date & time of submission of the bid with all other relevant details. The documents submitted by the bidders will be digitally signed using the e-token of the bidder and then submitted.
19. After the bid submission, the bid summary has to be printed and kept as an acknowledgement as a token of the submission of the bid. The bid summary will act as a proof of bid submission for a tender floated and will also act as an entry point to participate in the bid opening event.
20. Successful bid submission from the system means, the bids as uploaded by the bidder is received and stored in the system. System does not certify for its correctness.
21. The bidder should see that the bid documents submitted should be free from virus and if the documents could not be opened, due to virus, during tender opening, the bid is liable to be rejected.
22. The time that is displayed from the server clock at the top of the tender Portal, will be valid for all actions of requesting bid submission, bid opening etc., in the e-Procurement portal. The Time followed in this portal is as per Indian Standard Time (IST) which is GMT+5:30. The bidders should adhere to this time during bid submission.
23. All the data being entered by the bidders would be encrypted at the client end, and the software uses PKI encryption techniques to ensure the secrecy of the data. The data entered will not be viewable by unauthorized

persons during bid submission and not viewable by any one until the time of bid opening. Overall, the submitted bid documents become readable only after the tender opening by the authorized individual.

24. During transmission of bid document, the confidentiality of the bids is maintained since the data is transferred over secured Socket Layer(SSL) with 256 bit encryption technology. Data encryption of sensitive fields is also done.
25. The bidders are requested to submit the bids through online eProcurement system to the TIA well before the bid submission end date and time (as per Server System Clock).

List of Documents to be scanned and uploaded within the period of bid submission:

1. Demand draft / Pay order / FDR / Bank Guarantee of any Scheduled Bank against EMD and Tender Fee.
2. Receipt of EMD & Tender Fee.
3. Certificate of Registration for GST.
4. Copy of PAN.
5. Enlistment of CPWD, MES, Railways, MCD, PWD or other Central/State Govt./Semi Govt. agencies.
6. Experience of two similar nature of works in last three years.

Note: Other conditions for composite tenders and any special condition as applicable may also be added and Press Notice may be modified suitably by NIT approving authority.

Executive Engineer, IARI within the Period of bid submission. (The EMD document shall only be issued from the place in which the office of receiving division office is situated.) The EMD receiving Executive Engineer shall issue a receipt of deposition of earnest money deposit to the bidder in a prescribed format (enclosed) uploaded by tender inviting EE/AE in the NIQ/NIT.

Prescribed format of receipt of deposition of original EMD/Tender Fee along with NIT:-

Receipt of deposition of original EMD (Receipt No...../date.....)

1. Name of work.....
2. NIT No.....
3. Estimated Cost.....
4. Amount of Earnest money deposit.....
5. Last date of submission of bid.....
6. Agency Name
7. EMD No. & Date
8. EMD Amount & Last Date
9. TENDER FEE
10. DATE & TIME

This receipt shall also be uploaded to the e-tendering website by the intending bidder upto the specified bid submission date and time.

CERTIFICATE TO BE SIGNED BY THE TENDERER

CERTIFICATE

It is certified that I have read and understood and will comply with all instructions contained in Terms & conditions of this tender documents. All pages submitted with this tender documents from page _____ to _____ have been filled properly and signed with seal of the firm/company.

Signature of tenderer: - _____

Name in block letters: - _____

Name of firm: _____

Full address: _____

- i) Telephone No. _____
- ii) Mobile No. _____
- iii) Fax No. _____
- iv) Email id _____
- v) Website _____

Signature of Tenderer with office seal