



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



No. 31-39/22-23/ME Unit

Dated: 19.04.2023

e-TENDER 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. The contractor must have valid PAN and GST registration number and having experience of two similar nature of works in last three years for the work mentioned below:

Name of work & location	Estimated cost (₹)	Last date & time of bid submission	Date & time of bid opening
Misc. repair work in type-IV/1 quarter at IARI-Karnal, regional station.	₹ 2,41,298 .00	Upto14:30 hours 11.05.2023	12.05.2023 at15:00 hours

The Online Tender Documents are available on IARI Website www.iari.res.in. & Central Portal www.eprocure.gov.in . Bids are to be submitted on central portal i.e. www.eprocure.gov.in

Admn. Officer (Works)

Misc. repair work in type-IV/1 quarter at IARI-Karnal, regional station.

S.No.	Particular	Qty	Unit	Rate	Amount
1	Repairs to plaster of thickness 12 mm to 20 mm in patches of area 2.5 sq.meters and under, including cutting the patch in proper shape, raking out joints and preparing and plastering the surface of the walls complete, including disposal of rubbish to the dumping ground, all complete as per direction of Engineer-in-Charge.				
	With cement mortar 1:4 (1cement: 4 coarse sand)	30.00	sqm	478.00	14340
2	Dismantling old plaster or skirting raking out joints and cleaning the surface for plaster including disposal of rubbish to the dumping ground within 50 metres lead.	80.00	sqm	45.05	3604
3	12 mm cement plaster of mix : 1:4 (1 cement: 4 coarse sand)	60.00	sqm	307.25	18435
4	18 mm cement plaster in two coats under layer 12 mm thick cement plaster 1:5 (1 cement : 5 coarse sand) and a top layer 6 mm thick cement plaster 1:3 (1 cement : 3 coarse sand) finished rough with sponge.	20.00	sqm	461.85	9237
5	Dismantling doors, windows and clerestory windows (steel or wood) shutter including chowkhats, architrave, holdfasts etc. complete and stacking within 50 metres lead :	4.00	each	302.70	1211
	Of area 3 sq. metres and below				
6	Providing gola 75x75 mm in cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 stone aggregate 10 mm and down gauge), including finishing with cement mortar 1:3 (1 cement : 3 fine sand) as per standard design :				
	In 75x75 mm deep chase	60.00	Rm	260.20	15612
7	Providing and laying water proofing treatment in sunken portion of WCs, bathroom etc., by applying cement slurry mixed with water proofing cement compound consisting of applying :(a) First layer of slurry of cement @ 0.488 kg/sqm mixed with water proofing cement compound @ 0.253 kg/ sqm. This layer will be allowed to air cure for 4 hours. b) Second layer of slurry of cement @ 0.242 kg/sqm mixed with water proofing cement compound @ 0.126 kg/sqm. This layer will be allowed to air cure for 4 hours followed with water curing for 48 hours.The rate includes preparation of surface, treatment and sealing of all joints, corners, junctions of pipes and masonry with polymer mixed slurry.	30.00	sqm	516.60	15498

8	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) :				
a)	For fixed portion				
	Anodised aluminium (anodised transparent or dyed to required shade according to IS: 1868, Minimum anodic coating of grade AC 15)	20.00	kg	433.95	8679
b)	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)				
	Anodised aluminium (anodised transparent or dyed to required shade according to IS: 1868, Minimum anodic coating of grade AC 15)	30.00	kg	531.80	15954
9	Providing and fixing glazing in aluminium door, window, ventilator shutters and partitions etc. with EPDM rubber / neoprene gasket etc. complete as per the architectural drawings and the directions of engineer-in-charge . (Cost of aluminium snap beading shall be paid in basic item):				
	With float glass panes of 5 mm thickness (weight not less than 12.50 kg/sqm)	3.00	sqm	1325.55	3977
10	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	1.00	each	5540.55	5541
11	Providing and fixing wash basin with C.I. brackets, 15 mm dia 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:-				
	(a) White Vitreous China Wash basin size 550x400 mm with a 15 mm CP Brass single hole basin mixer	1.00	each	4542.40	4542

12	Removing dry or oil bound distemper, water proofing cement paint and the like by scrapping, sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete.	200.00	sqm	20.85	4170
13	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.	200.00	sqm	123.85	24770
14	Distemping with 1st quality acrylic distemper (ready mixed) having VOC content less than 50 gms/litre, of approved manufacturer, of required shade and colour complete, as per manufacturer's specification.				
	Two or more coats on new work	400.00	sqm	92.75	37100
15	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)	300.00	sqm	162.35	48705
16	Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade :				
	One or more coats on old work	80.00	sqm	86.55	6924
17	Disposal of building rubbish / malba / similar unserviceable, dismantled or waste materials by truck of 5cum capacity, including loading, transporting, unloading to approved municipal dumping ground or approved by Engineer-in-charge.	1.00	per trip	3000.00	3000
TOTAL					241298

Subject to be 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 and electrical 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 30 days failing which a penalty @ 1% per day delay will be imposed on the bill amount maximum upto 10%.
5. All the materials, laboures, T&P etc. required will be arranged by the firms itself.
6. Any other item to be required at site to complete the work will be executed as per the lowest quoted rates as per DSR 2021
7. The Director, IARI has the right to reject any or all the quotation/tenders without assigning any reason.

Rate to be quoted in figure:.....

In words:.....

Name with stamp & Signature of the Agency:.....

I/C (W) & CTO

S.T.A.(C)

10	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 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.	17.00	sqm	1142.80	19428
11	Providing and fixing 18 mm thick gang saw cut, mirror polished, premoulded and prepolished, machine cut for kitchen platforms, vanity counters, window sills, facias and similar locations of required size, approved shade, colour and texture laid over 20 mm thick base cement mortar 1:4 (1 cement : 4 coarse sand), joints treated with white cement, mixed with matching pigment, epoxy touch ups, including rubbing, curing, moulding and polishing to edges to give high gloss finish etc. complete at all levels.				
	Granite stone slab all colour and texture except black, Cherry/Ruby red				
	Area of slab over 0.50 sqm	3.50	sqm	3301.45	11555
12	Providing and fixing stone slab with table rubbed, edges rounded and polished, of size 75x50 cm deep and 1.8 cm thick, fixed in urinal partitions by cutting a chase of appropriate width with chase cutter and embedding the stone in the chase with epoxy grout or with cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 6 mm nominal size) as per direction of Engineer-in-charge and finished smooth.				
	Granite Stone of approved shade	1.80	sqm	3542.85	6377
13	Providing and fixing wash basin with C.I. brackets, 15 mm dia 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:-				
	White Vitreous China Wash basin size 550x400 mm with a 15 mm CP Brass single hole basin mixer	2.00	each	4542.40	9085
14	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	1.00	each	5540.55	5541
15	P/f of hand drayer electric operated of approved quality, as per the direction of engineer-in-charge.	1.00	each	3000.00	3000
16	Providing and fixing toilet paper holder :				
	C.P. brass	1.00	each	680.80	681
17	Providing and fixing C.P. brass angle valve for basin mixer and geyser points of approved quality conforming to				
	15mm nominal bore	8.00	each	500.35	4003

18	Providing and fixing aluminium work for doors, windows, ventilators and partitions with extruded built up standard tubular sections/ appropriate Z sections and other sections of approved make conforming to IS: 733 and IS: 1285, fixing with dash fasteners of required dia and size, including necessary filling up the gaps at junctions, i.e. at top, bottom and sides with required EPDM rubber/ neoprene gasket etc. Aluminium sections shall be smooth, rust free, straight, mitred and jointed mechanically wherever required including cleat angle, Aluminium snap beading for glazing / 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				
	Anodised aluminium (anodised transparent or dyed to required shade according to IS: 1868, Minimum anodic coating of grade AC 15)	35.00	kg	433.95	15188
19	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)				
	Anodised aluminium (anodised transparent or dyed to required shade according to IS: 1868, Minimum anodic coating of grade AC 15)	50.00	kg	531.80	26590
20	Providing and fixing 12 mm thick prelaminated particle board flat pressed three layer or graded wood particle board conforming to IS: 12823 Grade I Type II, in panelling 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.				
	Pre-laminated particle board with decorative lamination on both side	3.00	sqm	951.05	2853
21	Providing and fixing glazing in aluminium door, window, ventilator shutters and partitions etc. with EPDM rubber / neoprene gasket etc. complete as per the architectural drawings and the directions of engineer-in-charge . (Cost of aluminium snap beading shall be paid in basic item):				
	With float glass panes of 5 mm thickness (weight not less than 12.50 kg/ sqm)	3.00	sqm	1325.55	3977
22	Providing and fixing aluminium round shape handle of outer dia 100 mm with SS screws etc. complete as per direction of Engineer-incharge				
	Anodized (AC 15) aluminium	4.00	each	88.75	355
23	Providing and fixing Brass 100mm mortice latch and lock with 6 levers without pair of handles (best make of approved quality) for aluminium doors including necessary cutting and making good etc. complete.	2.00	each	449.55	899

24	Providing and fixing aluminium extruded section body tubular type universal hydraulic door closer (having brand logo with ISI, IS : 3564, embossed on the body, door weight upto 36 kg to 80 kg and door width from 701 mm to 1000 mm), with double speed adjustment with necessary accessories and screws etc. complete.	2.00	each	856.30	1713
25	Providing and fixing bright finished brass hanging type floor door stopper with necessary screws, etc. complete	2.00	each	109.60	219
26	Providing and fixing aluminium tower bolts, ISI marked, Powder coated aluminium (minimum thickness of powder coating 50 micron) transparent or dyed to required colour or shade, with necessary screws etc. complete :				
	300x10 mm	3.00	each	117.65	353
27	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.	1.00	each	299.35	299
28	P/f S.S. floor jaali of 100mm dia. of approved quality, as per the direction of engineer-in-charge.	4.00	each	200.00	800
29	Providing and fixing CP towel rail 600mm long complete with brackets fixed to wooden cleats with CP brass screws with concealed fittings arrangement of approved quality and colour	1.00	each	1200.00	1200
30	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.	55.00	sqm	123.85	6812
31	Distempering with 1st quality acrylic distemper (ready mixed) having VOC content less than 50 gms/litre, of approved manufacturer, of required shade and colour complete, as per manufacturer's specification.				
	Two or more coats on new work	55.00	sqm	92.75	5101
32	Providing and fixing mirror of superior glass (of approved quality) and of required shape and size with plastic moulded frame of approved make and shade with 6 mm thick hard board backing :				
	Rectangular shape 1500x450 mm	1.00	each	1817.20	1817
33	Disposal of building rubbish / malba / similar unserviceable, dismantled or waste materials by truck of 5cum capacity, including loading, transporting, unloading to approved municipal dumping ground or approved by Engineer-in-charge.	1.00	per trip	3000.00	3000
	TOTAL				291056

Subject to be 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 and electrical 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 months failing which a penalty @ 1% per day delay will be imposed on the bill amount maximum upto 10%.**
- 5. All the materials, laboures, T&P etc. required will be arranged by the firms itself.**
- 6. Any other item to be required at site to complete the work will be executed as per the lowest quoted rates on DSR-2021.**
- 7. The rates shall remain valid for 90 days from the date of opening of quotations/tenders.**
- 8. A running payment may be made of athe successful completion of work for 1/2nd or more amount of work.**
- 9. The Director, IARI has the right to reject any or all the quotation/tenders without assigning any reason.**

I/C (W) & CTO

STA(C)

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 enrolment 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/SafeScripT/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).

The following documents (Scan copy) must be furnished upload with the technical bid failing which tender will not be accepted at all.

1. GST/ PAN card copy
2. Registration certificate of CPWD, MES, Railways, MCD, PWD or other Central/State Govt./Semi Govt.
3. Certificate declaring that the firm has not been debarred/Black listed by the Govt. Deptt./Court of law for doing any business in India.
4. Bid Security Declaration Document
5. The tender documents duly signed by the concerned firm accepting the same should be attached with technical bid.
6. The firm should have experience of two similar nature of works in last three years. Firm should submit experience certificate/ orders in support.

FORMAT OF BID SECURITY DECLARATION FROM BIDDERS IN LIEU OF EMD
(On Bidders Letter head)

I / We, the authorized signatory of M/s.....,
participating in the subject tender No.for the item / job of
....., do hereby declare :

- That I / we have availed the benefit of waiver of EMD while submitting our offer against the subject Tender and no EMD being deposited for the said tender.

- That in the event we withdraw/modify our bid during the period of validity Or I/we fail to execute formal contract agreement within the given timeline OR I/we fail to submit a Performance Security within the given timeline Or I/we commit any breach of Tender Conditions/ Contract which attracts penal action of forfeiture of EMD and I/we will be suspended from being eligible for bidding / award of all future contract(s) of ME Unit, Directorate, IARI, New Delhi-11012 for a period of one year from the date of committing such breach.

Signature and Seal of Authorised Signatory of bidder

Name of Authorized Signatory.....

Company Name.....

CERTIFICATE TO BE SIGNED BY THE TENDERER

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 document 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 :

Signature of Tenderer with office seal