

रख-रखाव एंव अभियांत्रिकी इकाई  
भारतीय कृषि अनुसंधान परिषद  
भारतीय कृषि अनुसंधान संस्थान  
नई दिल्ली-12.

सं० JK-109/16-17/एमईयू.

दिनांक 04-10-2018

ई-निविदा सू

निदेशक, भा० कृ० अनु० सं०, की और से एवद्वारा अधोलिखित निविदा कार्य हेतु के० लो० नि० वी०, एम० ई० एस०, रेलवेज, एम० सी० डी०, लोनिवी, या अन्य केंद्र / राज्य सरकार विभाग/ अर्द्ध सरकारी एजेंसीयो के साथ पंजीकृत पाल ठेकेदारो / एजेंसीयो व विशेषकृत एजेंसीयो से मुहरबंद मद दर निविदा आमंत्रित की जाती है। एजेंसीयो के , / GST पंजीकरण सं० होना अनिवार्य है। तथा नीचे निर्देशित कार्यो हेतु विगत दो वर्षो में दो समान कार्यो का अनुभव होना चाहिये।

क्र० सं०	कार्य का नाम	अनुमानित लागत	धरोहर राशि
1.	Repair of Glasshouse no.-07 in the Division of Plant Pathology, IARI PUSA New Delhi-12.	Rs. 4,70,914.00	Rs. 9,500.00

-निविदा की अंतिम तिथि : 12-11-2018 14.30

-निविदा खुलने की तिथि : 13-11-2018 15.00

निविदा की कीमत : रू० 500/- मात्र (अप्रतिदेय)

इच्छुक एंव पाल एजेंसीया निविदा विवरण को देखने के लिए तथा ई-निविदा प्रस्तुत करने के लिए <http://eprocur3.gov.in>

सहायक प्रशासनिक आधिकारी (निर्माण/ एम० ई० यूनिट )

**MAINTENANCE & ENGINEERING UNIT  
ICAR-INDIAN AGRICULTURAL RESEARCH INSTITUTE  
NEW DELHI-12.**

No. JK-109/16-17/ME Unit

Dated : 04-10-2018

**e-QUOTATION NOTICE**

Item/percentage rate sealed 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 two years for the work mentioned below :

S.N	Name of work	Estimated cost / Item Rate	Earnest Money
1.	Repair of Glasshouse no.-07 in the Division of Plant Pathology, IARI PUSA New Delhi-12.	Rs. 4,70,914.00	Rs. 9,500.00

**Last date & time submission of e-tender processing** : up to 14:30 hours of 12.11.18

**Opening of e-tender** : 15:00 hours of 13.11.18

**Tender Fee** : 500/- (non refundable )

**Desirous and eligible agencies for details & submission to e-tender may visit** <http://eprocure.gov.in>

**Asstt. Admn. Officer (Works)**

<b>JK-109/16-17/ME Unit</b>					
<b>Repair of Glasshouse no.-07 in the Division of Plant Pathology, IARI PUSA New Delhi-12.</b>					
<b>S.No</b>	<b>Particular</b>	<b>Qty.</b>	<b>Unit</b>	<b>Rate</b>	<b>Amount</b>
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 within 50 metres lead :				
	With cement mortar 1:4 (1 cement : 4 fine sand)	15.00	sqm	247.80	3717.00
2	Dismantling floor/mosaic floor and roofs laid in cement mortar including stacking material within 50 metres lead.				
	For thickness of tiles above 25 mm and up to 40 mm	50.00	sqm	43.95	2197.50
3	Earth work in excavation by mechanical means (Hydraulic excavator)/ manual means over areas (exceeding 30cm in depth. 1.5 m in width as well as 10 sqm on plan) including disposal of excavated earth, lead upto 50m and lift upto 1.5m, disposed earth to be levelled and neatly dressed.				
	All kinds of soil	3.00	cum	155.60	467
4	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level :				
	1:4:8 (1 Cement : 4 coarse sand : 8 graded stone aggregate 40 mm nominal size)	1.50	cum	4301.15	6452
5	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)	2.5	cum	4,918.65	12297
6	Providing and laying damp-proof course 40 mm thick with cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 12.5 mm nominal size).	2	sqm	257.80	516
7	Applying a coat of residual petroleum bitumen of grade of VG-10 of approved quality using 1.7 kg per square metre on damp proof course after cleaning the surface with brushes and finally with a piece of cloth lightly soaked in kerosene oil.	2	sqm	132.00	264
8	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)	4	cum	5667.55	22670
9	Providing and fixing framed work, including cutting, hoisting, fixing in position of approved size by welding etc. and similar works, including applying priming coat of approved steel primer.				
	G.I. pipes	100	kg	108.60	10860
10	Supplying and filling with Soil under floors, including watering, ramming, consolidating and dressing complete	2	Cum.	600.00	1200

11	Supplying and filling in plinth with Jamuna sand under floors, including watering, ramming, consolidating and dressing complete.	0.5			455.125
			Cum.	910.25	
12	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.	20.00	sqm	20.05	401
13	Kota stone slab flooring over 20 mm (average) thick base laid over and jointed with grey cement slurry mixed with pigment to match the shade of the slab, including rubbing and polishing complete with base of cement mortar 1 : 4 (1 cement : 4 coarse sand) :				
	25 mm thick	105.00	sqm	1141.40	119847
14	Chequered precast moulded cement concrete tiles 22 mm thick in footpath & courtyard, jointed with neat cement slurry mixed with pigment to match the shade of tiles, of approved size, design & shape, laid in required colour and pattern including rubbing and cleaning etc. complete, on 20 mm thick bed of cement mortar 1:4 (1 cement: 4 coarse sand).				
	Dark shade pigment using ordinary cement	35.00	sqm	695.95	24358
15	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)	90.00	kg	348.50	31365
16	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	405.90	20295
17	P/f & renewing glass panes, in aluminium door, window, ventilator shutters and partitions etc. with EPDM rubber / neoprene gasket etc. complete as per the directions of engineer-in-charge.				
	With float glass panes of 5.50 mm thickness	30.00	sqm	1054.2	31626
18	Providing and fixing aluminium die cast body tubular type universal hydraulic door closer (having brand logo with ISI, IS : 3564, embossed on the body, door weight upto 35 kg and door width upto 700 mm), with necessary accessories and screws etc. complete.	3.00	each	753.75	2261

19	Fixing of old reinforced glass (to be supplied by the department) alongwith bidding, moulding, aluminium strips, z-fastners etc. complete as per the instruction of engineer-in-charge.	60.00	sqm	350.00	21000
20	Providing and fixing precoated galvanised steel sheet roofing accessories 0.50 mm (+ 0.05 %) total coated thickness, Zinc coating 120 grams per sqm as per IS: 277, in 240 mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 microns using self drilling/ self tapping screws complete :				
	Ridges plain (500 - 600mm)	15.00	metre	633.90	9509
21	Providing and fixing white vitreous china laboratory sink with C.I. brackets, C.P. brass chain with rubber plug, 40 mm C.P brass waste and 40mm C.P. brass trap with necessary C.P. brass unions complete, including painting of fittings and brackets, cutting and making good the wall wherever required :				
	Size 600x450x200 mm	2.00	each	3162.75	6326
22	P/f evaporative cooling system of 100 mm cellulose pads of coldek make with G.I. tray of 18 gauge with CPVC piping system & rainage of 32mm dia with prefilters (CACBA ISI 25to25 VISCOUS filter for 30 efficiency) with galvanised fastners and aluminium rivets, complete as per speciifcation with 500 liters PVC tank and 1HP monoblock single phase pump of crompton or equivalent make.	10.50	sqm	3480.00	36540
23	P/f of Humid fiction system for humidity range 50% to 95% with 6 nos. of 4-way nozzle foggers in chamber of discharge range 7 liters per hour operating pressure 4.0 bor with density 4.00 sqm per fogger of DAN (Israel)/net fin make with 16mm HDPE black pipng (10 kg/sqcm) average droplet size 50 to 100 cm with 1 HP monoblock single phase pump of crompton or equivalent make with 500 litre PVC tank over a MS frame with water supply CPVC pipe line of 32/25 mm dia,pressure meter of 10 bar capacity, with Hydro Cyclone filters , having leakage prevention device and control valve assembly complete.	2.00	each	20000	40000
24	P/f 18" dia exhaust fan.	2.00	each	3000.00	6000
25	P/f of roof screen (70:30) shed net of green/black colour with provision for fixing the net/short dry with necessary pulley, wire and fixing arrangement, complete as per the direction of engineer-in-charge.	70.00	sqm	200.00	14000
26	Providing and placing on terrace (at all floor levels) polyethylene water storage tank, ISI : 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.	500.00	per litre	7.25	3625
27	Providing and fixing G.I. pipes complete with G.I. fittings and clamps, i/c cutting and making good the walls etc.				
a)	15 mm dia nominal bore metre	15.00	metre	215.10	3227
b)	20 mm dia nominal bore	20.00	metre	249.30	4986

28	Providing and fixing G.I. Union in G.I. pipe including cutting and threading the pipe and making long screws etc. complete (New work) :				
	15 mm nominal bore	15.00	each	165.25	2479
	20 mm nominal bore	15.00	each	188.50	2828
29	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.	70.00	sqm	9.90	693
30	Painting with aluminium paint of approved brand and manufacture to give an even shade :				
	One or more coats on old work	70.00	sqm	42.45	2972
31	12 mm cement plaster of mix :				
	1:4 (1 cement: 4 coarse sand)	86.00	sqm	172.30	14818
32	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)	86.00	sqm	94.95	8166
33	Disposal of building rubbish through mechanical transport of 5.0 cum capacity i/c loading, unloading & carriage outside 20 km lead.	1.00	per trip	2500.00	2500
				<b>TOTAL</b>	<b>4,70,914</b>

**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 three months failing which a penalty @ 1% per day delay will be imposed on the bill amount maximum upto 10%.
5. GST will be paid extra as per the norms of ministry of finance.
6. All the materials, laboures, T&P etc. required will be arranged by the firms itself.
7. The agency shall deposit security @ 5% of the sanctioned amount including EMD.
8. Any other item to be required at site to complete the work will be executed as per the lowest quoted rates on DSR-2016.
9. The rates shall remain valid for 180 days from the date of opening of quotations/tenders.
10. A running payment may be made of athe successful completion of work for 1/2nd or more amount of work.
11. The Director, IARI has the right to reject any or all the quotation/tenders without assigning any reason.

**Percentage rate to be quoted above or below in figure: .....**

**In words: .....**

**Name & Signature of the Agency:-.....**

(Er.AMIT MITTAL)  
In-charge (Works & ME Unit)

(Jitender Kumar)  
T.A(C)

## **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/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).



**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, Sales Tax / VAT and acknowledgement of up to date filed return if required.
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 two 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**