

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

सं. 156-58/18-19/एमईयू .

दिनांक 20-09-2018

e-निवेदा सूच

निवेदा, भा. कृ. अनु. सं., को और स एवद्वारा अधोलोखित निवेदा : ला. नि. वी., एम. ई. एस., रेलवेज, एम. सी. डी., लान , या अन्य केंद्र / राज्य सरकार / अर्द्ध सरकार एजेंसीया के साथ पंजीकृत पात्र / एजेंसीया व विशेषकृत एजेंसीया से मु दर निवेदा आमंत्रित को जाता है। एजेंसीया के पास : , वैट/ 1ट तथा GST पंजीकरण से होना आवश्यक है। तथा निवेदा हेतु दो विगत वर्षों में दो समान क अनुभव होना चाहिये।

क्र. सं.	कार्य का नाम	अनुमानित लाग	धरोहर रा
1.	Essential / emergent repair of type-III & IV qtr. In case of emergency / allotment at IARI, New Delhi-12.	Rs. 9,91,536.00	Rs. 20,000.00

ई-निवेदा आतम ताथ

: 22-10-2018 को 14.30 बजे तक

ई-निवेदा खुलने व त

: 23-10-2018 को 15.00 बजे तक

निवेदा को व

: रु. 500/- मात्र (अप्रोतदेय)

इच्छुक एव प एजेंसीया निवेदा विवरण

दखन के लिए तथ ई-निवेदा प्रस्तुत करने

<http://eprocure.gov.in>

सहायक प्रशासनिक आ

(निम / एम. ई. यू.नट)

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

No. 156-58/18-19ME Unit

Dated : 20-09-2018

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	Earnest Money
1.	Essential / emergent repair of type-III & IV qtr. In case of emergency / allotment at IARI, New Delhi-12.	Rs. 9,91,536.00	Rs. 20,000.00

Last date & time submission of e-tender processing : up to 14:30 hours of 22.10.18

Opening of e-tender : 15:00 hours of 23.10.18
Tender Fee :Rs. 500/- (Non-refundable)

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

Asstt. Admn. Officer (Works)

No. 156-58/18-19/ME Unit

Name of the work: Essential / emergent repair of type-III & IV qtr. In case of emergency / allotment at IARI, New Delhi-12.

SCHEDULE OF WORK

S.N.	Particular	Qty	Unit	Rate	Amount
1.	Repair of RCC structural member by Dismantling loose concrete, treatment of existing reinforcement by 443 gm. Naffufill BB2 : 2.2 kg cement slurry per sqm, binding of 50 x 50 x 4 mm Hard Drawn fabric mesh filling the spell area by 1:3 (1 cement :3 coars Sand) i/c Dr. fixit (LW) mix with mortar @ 1 kg/ 50 kg bag cement & finishing the the surface as per the direction of Engineer In-Charge	40.00	sqm	1250.00	50000.00
2.	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 prteparing and plastering the surface of the walls complete, including disposal of rubbish to the dumping greound within 50 metre lead:				
	With cement mortar 1:4 (1 cement : 4 Coarse Sand)	50.00	sqm	274.80	13740.00
3.	Dismantling tile work in floors and roofs laid in cement mortar including stacking material within 50 metres lead.				
	For thickness of tiles 10 mm to 25 mm	200.00	Sqm	31.55	6310.00
4.	Providing and fixing Ist 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	150.00	sqm	744.80	111720.00
5.	Providing and laying rectified Glazed Ceramic floor tiles of size 300x300 mm or more (thickness to be specified by the manufacturer), of 1st quality conforming to IS : 15622, of approved make, in all colours, shades, except White, Ivory, Grey, Fume Red Brown, laid on 20 mm thick Cement Mortar 1:4 (1 Cement : 4 Coarse sand), including pointing the joints with white cement and matching pigments etc., complete.	180.00	sqm	901.05	162189.00
6.	Demolishing cement concrete manually/ by mechanical means including disposal of material within 50 metres lead as per direction of Engineer – in - charge.				
	Nominal concrete 1:3:6 or richer mix (i/c equivalent design mix)	3.00	cum	997.05	2991.00
7.	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	90.00	sqm	1158.10	104229.00
8.	Providing wood work in frames of doors, windows, clerestory windows and other frames, wrought framed and fixed in position with hold fast lugs or with dash fasteners of required dia & length (hold fast lugs or dash fastener shall be paid for separately).				
	Second class teak wood	0.60	sqm	92743.05	55646.00

9.	Steel work welded in built up sections/ framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required.				
	In gratings, frames, guard bar, ladder, railings, brackets, gates and similar works	120.00	kg	85.95	10314.00
10.	Providing and Fixing factory made PVC door frame made of PVC extruded sections of size 75 mm x 53 mm, having wall thickness 2.0 mm (\pm 0.2 mm). Both verticals sides of the frame reinforced with PVC profile of cross section size 28 mm x 30 mm x 2 mm thickness (\pm 0.2 mm) and 75 mm x 200 mm long, including reinforcing both ends of the top frame with PVC profile. PVC Door Frame and PVC reinforcement profile to be mitred cut, jointed and fusion welded together, including providing and fixing 3 nos of 125 mm long stainless steel hinges to frame, fixing the frame with jamb with required nos & sizes of anchor dash fastener, all complete as per manufacturer's specification and direction of engineerin- charge.	40.00	meter	472.35	18894.00
11.	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.				
	35 mm thick including ISI marked Stainless Steel butt hinges with necessary screws	8.00	sqm	2488.95	19912.00
12.	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 of approved steel primer.				
	Using flats 30x6mm for diagonal braces and central cross piece sqm 2,785.45	8.00	sqm	2761.90	22095.00
13.	Providing and fixing 37 mm thick factory made PVC Door shutter, styles and rails made of PVC hollow extruded printed and laminated section having overall dimension 115 mm x 37 mm with wall thickness 2 mm (\pm 0.2 mm) with inbuilt beading on one side, the styles and rails mitred cut and joint at corners by inserting 2 nos PVC profile reinforcement of size 75 mm x 200 mm long with cross section size of 28 mm x 30 mm having wall thickness 2 mm (\pm 0.2 mm). Styles, rails and reinforcements to be fusion welded together. Only hinge side vertical style to be reinforced with PVC profile reinforcement in full length. Printed and laminated PVC lock rail of size 110 mm x 37 mm having wall thickness 2 mm (\pm 0.2 mm) to be welded horizontally with the vertical styles after inserting PVC profile reinforcement as in styles and rails, providing with PVC snap fit beading, panels of 100 x 20 mm printed & laminated and inserting 2 nos 6 mm dia bright steel rod horizontally with both side threaded and tightened with check nuts and washers complete, all as per manufacturer's specification and direction of engineer-in-charge. sqm	8.00	sqm	3200.10	25601.00
14.	Dismantling G.I. pipes (external work) including excavation and refilling trenches after taking out the pipes, manually/ by mechanical means including stacking of pipes within 50 metres lead as per direction of Engineer-in-charge :				
	15 mm to 40 mm nominal bore	150.00	meter	63.65	9548.00
15.	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.				
a	20 mm nominal outer dia Pipes	200.00	metre	284.85	56970.00
b	Concealed work , including cutting chases and making good the walls etc. 20 mm nominal outer dia Pipes	100.00	meter	179.95	17995.00
16.	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	05	each	3418.70	17094.00
17.	Providing and fixing water closet squatting pan (Indian type W.C. pan) with 100 mm sand cast Iron P or S trap, 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 :				
	White Vitreous china Orissa pattern W.C. pan of size 580x440 mm with integral type foot rests	05	each	3494.20	17471.00
18.	Providing and fixing trap of self cleansing design with screwed down or hinged grating with or without vent arm complete, including cost of cutting and making good the walls and floors				
	100 mm inlet and 100 mm outlet				
	Sand cast iron S&S as per IS: 3989	5	each	1034.45	5172.00
19.	Providing and fixing in position 25 mm diameter mosquito proof coupling of approved municipal design.	20	each	29.25	585.00
20.	Distempering with oil bound washable distemper of approved brand and manufacture to give an even shade				
	Old work (one or more coats) over and including water thinnable priming coat with cement primer	1000.00	sqm	33.35	33350.00
21.	Finishing walls with Premium Acrylic Smooth exterior paint with Silicone additives of required shade :				
	Old work (one or more coats applied @ 0.83 ltr/10 sqm)	500.00	sqm	70.75	35375.00
22.	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	400.00	sqm	51.30	20520.00
23.	Providing and fixing ISI marked oxidised M.S. sliding door bolts with nuts and screws etc. complete :				
	250x16 mm	20	each	142.05	2841.00
24.	Providing and fixing ISI marked oxidised M.S. tower bolt black finish, (Barrel type) with necessary screws etc. complete				
	200x10 mm	20	each	51.05	1021.00

25.	Repair of old door including opening, cutting & re-fixing after necessary repair & flooring etc. complete as per the direction of Engineer-in-charge	20	each	500.00	10000.00
26.	Providing and fixing fly proof stainless steel grade 304 wire gauge, to windows and clerestory windows using wire gauge with average width of aperture 1.4 mm in both directions with wire of dia. 0.50 mm all complete.				
a	With 2nd class teak wood beading 62X19 mm	5	Sqm	1343.55	6718.00
b	With 12 mm mild steel U beading	5	sqm	1094.10	5471.00
27.	Providing and fixing wash basin with C.I. brackets, 15 mm PTMT pillar cock, 32 mm PTMT waste coupling of standard pattern, including painting of fittings and brackets, cutting and making good the walls wherever required. White Vitreous China Flat back wash basin size 550x400 mm with single 15 mm PTMT pillar cock.	10	each	1706.20	17062.00
28.	Providing and fixing Stainless Steel A ISI 304 (18/8) kitchen sink as per IS : 13983 with C.I. brackets and stainless steel plug 40 mm, including painting of fittings and brackets, cutting and making good the walls wherever required :				
	Kitchen sink with drain board				
	510x1040 mm bowl depth 250 mm	03	each	4120.80	12362.00
29.	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.	5.00	meter	254.80	1274.00
30.	Providing and applying plaster of paris putty of 2 mm thickness over plastered surface to prepare the surface even and smooth complete.	50.00	sqm	118.70	5935.00
31.	Providing and applying white cement based putty of average thickness 1mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete.	60.00	sqm	87.35	5241.00
32.	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	10.80	2160.00
33.	Distemping with oil bound washable distemper of approved brand and manufacture to give an even shade				
	New work (two or more coats) over and including water thinnable priming coat with cement primer	200.00	sqm	93.70	18740.00
34.	Lifting of malba/ rubbish by mechanical truck @300 cft. per truck including loading unloading & stacking beyond 20 KM as per the direction of Engineer-In-Charge.	03	truck	2500.00	7500.00
35.	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.	100.00	sqm	298.30	29830.00

36.	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.	100.00	sqm	476.60	47660.00
				Total=	Rs. 9,91,536.00

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 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 twelve months & on complain basis within 20 days 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 norms of the Ministry of Finance.
6. All the material, 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 be executed as per lowest quitted rates.on DSR-2016.
9. The rates quoted shall remain valid for 180 days from the date of opening of quotations/tenders.
10. A running payment may be made of the 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 quotations/tenders without assigning any reason.

Percentage rate to be quoted above or below in figure:

In words:

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

(VIKAS KUMAR)
Juniar Engineer/ T-3

(Er. CHARAN SINGH)
Asstt. Chief Tech. Officer (Civil), ME Unit