

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

सं. 08-63/18-19/एमईयू .

दिनांक 23-10-2018

e-निविदा सूचना

निविदा, भा. कृ. अनु. सं., को और से एवद्वारा अधालोखत निविदा, एम. ई. एस., रेलवेज, एम. सी. डी., लाने, या अन्य केंद्र / राज्य सरकार / अर्द्ध सरकारी एजेंसियों के साथ पंजीकृत ठेकेदारों / एजेंसियों व विशेषकृत एजेंसियों से मुद्रा दर निविदा आमंत्रित की जाती है। एजेंसियों के पास पैन, वैट/ आर तथा GST पंजीकरण से हाना आनवाय है। तथा निविदाशत व हेतु दो अगले वर्षों में समान कार्यों का अनुभव होना चाहिए

| क्र. सं. | कार्य का नाम | अनुमानित लागत | धराहर रा |
|----------|---|-----------------|-------------|
| 1. | Construction of store in 1A block Todapur field at IARI Pusa, New Delhi-12. | Rs. 2,27,281.00 | Rs. 5000.00 |

ई-निविदा आरंभ तिथि : 23-11-2018 को 14.30 बजे तक
ई-निविदा खोलने का समय : 24-11-2018 को 15.00 बजे तक
निविदा की कीमत : रु. 500/- मात्र (अप्रतिबंधित)
इच्छुक एवं पात्र एजेंसियों को निविदा विवरण लिए तथा ई-निविदा प्रस्तुत करने व
<http://eprocure.gov.in>

सहायक प्रशासनिक अधिकारी (निर्माण/ एम. ई. यूनिट)

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

No. 08-63/18-19ME Unit

Dated : 23-10-2018

e-TENDER NOTICE

Item 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. or Specialize 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. | Construction of store in 1A block Todapur field at IARI Pusa, New Delhi-12. | Rs. 2,27,281.00 | Rs. 5000.00 |

Last date & time submission of e-tender processing : up to 14:30 hours of 23.11.18

Opening of e-tender : 15:00 hours of 24.11.18

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)

08-63/18-19/ME**Name of Work: Construction of store in 1A block Todapur field at IARI Pusa, New Delhi-12.**

| | | | | | |
|---|--|-------|-------|---------|--------------|
| 1 | 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 | 12.00 | Cum. | 125.95 | 1511 |
| 2 | Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level | | | | |
| | 1:4:8 (1 Cement : 4 coarse sand : 8 graded stone aggregate 40 mm nominal size) | 2.00 | Cum. | 4478.15 | 8956 |
| 3 | Supplying chemical emulsion in sealed containers including delivery as specified. | | | | |
| | Chlorpyriphos/ Lindane emulsifiable concentrate of 20% | 20.00 | litre | 185.95 | 3719 |
| 4 | Treatment of soil under existing floors using chemical emulsion @ one litre per hole, 300 mm apart including drilling 12 mm diameter holes and plugging with cement mortar 1 :2 (1 cement : 2 Coarse sand) to match the existing floor : | | | | |
| | With Chlorpyriphos/Lindane E.C. 20% with 1% concentration | 10.00 | Sqm. | 131.90 | 1319 |
| 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) | 8.00 | Cum. | 4970.30 | 39762 |
| 6 | 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) | 10.00 | Cum. | 5801.50 | 58015 |
| 7 | 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 1:3 (1 cement :3 coarse sand) | 8.00 | sqm | 708.70 | 5670 |
| 8 | Centering and shuttering including strutting, propping etc. and removal of form for : | | | | |
| | Shelves (Cast in situ) | 7.00 | sqm | 422.30 | 2956 |

| | | | | | |
|----|--|--------|------|---------|-------------|
| 9 | Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete above plinth level. | | | | |
| | Cold twisted bars | 130.00 | Kg | 56.60 | 7358 |
| 10 | Reinforced cement concrete work in beams, suspended floors, roofs having slope up to 15° landings, balconies, shelves, chajjas, lintels, bands, plain window sills, staircases and spiral stair cases up to floor five level, excluding the cost of centering, shuttering, finishing and reinforcement, with 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size). | 1.00 | Cum. | 7390.80 | 7391 |
| 11 | Providing and fixing glass strips in joints of terrazzo/ cement concrete floors. | | | | |
| | 40 mm wide and 4 mm thick | 10.00 | Rm | 52.50 | 525 |
| 12 | 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. | 4.00 | sqm | 91.90 | 368 |
| 13 | 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). | 4.00 | Sqm. | 263.10 | 1052 |
| 14 | Making plinth protection 50 mm thick of cement concrete 1:3:6 (1 cement: 3 coarse sand : 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 finishing the top smooth. | 13.00 | Sqm. | 450.35 | 5855 |
| 15 | 15 mm cement plaster on rough side of single or half brick wall of mix : | | | | |
| | 1:4 (1 cement: 4 coarse sand) | 45.00 | Sqm. | 209.65 | 9434 |
| 16 | 12 mm cement plaster of mix : | | | | |
| | 1:4 (1 cement: 4 coarse sand) | 45.00 | Sqm. | 180.85 | 8138 |
| 17 | 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. | 90.00 | sqm | 87.35 | 7862 |
| 18 | Finishing walls with Acrylic Smooth exterior paint of required shade : | | | | |
| | New work (Two or more coat applied @ 1.67 ltr/10 sqm over and including priming coat of exterior primer applied @ 2.20 | 45.00 | Sqm. | 96.05 | 4322 |

| | | | | | |
|----|---|--------|------|---------|-------------|
| | kg/ 10 sqm) | | | | |
| 19 | Distemping with 1st quality acrylic distemper (ready mixed) of approved manufacturer, of required shade and colour complete, as per manufacturer's specification. | | | | |
| | Two or more coats on new work | 45.00 | Sqm. | 53.15 | 2392 |
| 20 | Painting with synthetic enamel paint of approved brand and manufacture to give an even shade : | | | | |
| | Two or more coats on new work | 20.00 | Sqm. | 78.40 | 1568 |
| 21 | Providing and fixing T-iron frames for doors, windows and ventilators of mild steel Tee-sections, joints mitred and welded, including fixing of necessary butt hinges and screws and applying a priming coat of approved steel primer. | | | | |
| | Fixing with 15x3 mm lugs 10 cm long embedded in cement concrete block 15x10x10 cm of C.C. 1:3:6 (1 Cement : 3 coarse sand : 6 graded stone aggregate 20 mm nominal size) | 80.00 | Kg | 74.05 | 5924 |
| 22 | 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 M.S. angels 40x40x6 mm for diagonal braces | 2.00 | Sqm. | 2870.25 | 5741 |
| 23 | Providing & fixing glass panes with putty and glazing clips in steel doors, windows, clerestory windows, all complete with | | | | |
| | 4.0 mm thick glass panes | 5.00 | Sqm. | 689.05 | 3445 |
| 24 | 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 | 100.00 | Kg | 85.95 | 8595 |
| 25 | Cement concrete flooring 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate) finished with a floating coat of neat cement, including cement slurry, but excluding the cost of nosing of steps etc. complete. | | | | |
| | 40 mm thick with 20 mm nominal size stone aggregate | 10.00 | Sqm. | 362.60 | 3626 |

| | | | | | |
|--------------|--|--------|------|--------|---------------|
| 26 | Structural steel work riveted, bolted or welded in built up sections, trusses and framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete. | 100.00 | kg | 67.60 | 6760 |
| 27 | Providing and fixing precoated galvanised iron profile sheets (size, shape and pitch of corrugation as approved by Engineer-in-charge) 0.50 mm (+ 0.05 %) total coated thickness with 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. Sheet should have protective guard film of 25 microns minimum to avoid scratches during transportation and should be supplied in single length upto 12 metre or as desired by Engineerin-charge. The sheet shall be fixed using self drilling / self tapping screws of size (5.5x 55 mm) with EPDM seal, complete upto any pitch in horizontal/ vertical or curved surfaces, excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever required. | 25.00 | Sqm. | 550.40 | 13760 |
| 29 | Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20cm in depth, consolidating each deposited layer by ramming and watering, lead up to 50 m and lift upto 1.5 m. | 10.00 | cum | 125.75 | 1258 |
| TOTAL | | | | | 227281 |

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 two days from the date of award and complete within three month 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.
7. GST will be paid extra as per the norms of ministry of finanace.
8. The Director, IARI has the right to reject any or all the quotation/tenders without assigning any reason.

Rate to be quoted above or below in figure on 'A' above:.....

In words:.....

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

I/C (W) & CTO

T.A. (C)