

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

No. 29-13/20-21/ME Unit

Date: 28.08.2020

QUOTATION NOTICE

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 service tax registration number and having experience of two similar nature of works in last three years for the work mentioned below :

S.N	Name of work	Estimated cost / Item Rate	Earnest Money
1.	Repair & renovation of CASST common facility lab at NRL, IARI, New Delhi-12.	Rs. 18,12,663.00	Rs. 36,500.00

Last date for receipt of applications for sale of quotation : 08.09.2020
Submission of quotation : up to 14:30 hours of 09.09.2020
Opening of quotation : 15:00 hours of 09.09.2020

Desirous and eligible agencies to download the schedule and details may visit IARI website www.iari.res.in or <http://eprocure.gov.in> and deposit the fee of Rs. 500/- (non-refundable) along with requisite EMD at the time of filing of Quotation. The rates on schedule and requisite eligibility documents should be filed in a separate envelopes submitted both together in a bigger envelope in case the Quotation is downloaded from the net, else the Quotation will be rejected. The schedule of work can also be purchased on payment of Rs. 500/- (non-refundable) from Tender Cell of M.E.Unit, Directorate during office hours on any working day by producing the eligibility documents and depositing the earnest money in the form of PO/DD favoring "Director, IARI, New Delhi-12." The Director IARI reserves the right to reject or accept any Quotation without assigning any reason. Quotations shall be submitted along with forwarding letter addressed to Director IARI otherwise quotation will not be considered.


Asstt. Admn. Officer (Works)

Copy to:-

1. Comptroller Directorate for kind information please.
2. F. & A.O.(Audit-V)
3. AAO (Contingency).
4. In-charge USI to display on website.(The Quotation Notice already sent to IARI web master)

Repair & Renovation of CAAST common facility Lab at NRL, IARI PUSA, New Delhi.-12.

S.No.	Particular	Qty	Unit	Rate	Amount
1	Earth work in excavation by mechanical means (Hydraulic excavator)/manual means over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 sqm on plan) including getting out and disposal of excavated earth lead upto 50 m and lift upto 1.5 m, as directed by Engineer-in-charge.				
	All kinds of soil	5.00	cum	181.85	909
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 (zone-III) : 8 graded stone aggregate 40 mm nominal size	20.00	cum	5789.60	115792
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)	12.00	cum	6376.25	76515
4	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)	5.00	sqm	347.90	1740
5	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)	15.00	cum	7809.25	117139
6	Centering and shuttering including strutting, propping etc. and removal of form for :				
	Suspended floors, roofs, landings, balconies and access platform	6.00	sqm	693.05	4158
	Columns, Pillars, Piers, Abutments, Posts and Struts	30.00	sqm	733.70	22011
7	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 above plinth level up to floor five level, excluding the cost of centering, shuttering, finishing and reinforcement with 1:1.5:3 (1 cement : 1.5 coarse sand(zone-III) : 3 graded stone aggregate 20 mm nominal size).	10.00	cum	9763.80	97638
8	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete above plinth level.				
	Thermo-Mechanically Treated bars of grade Fe-500D or more	1400.00	kg	83.50	116900
9	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)	20.00	sqm	932.10	18642

10	Cement plaster 1:3 (1 cement: 3 coarse sand) finished with a floating coat of neat cement				
	12 mm cement plaster	20.00	sqm	350.15	7003
11	12 mm cement plaster of mix				
	1:4 (1 cement: 4 fine sand)	50.00	sqm	266.85	13343
12	Providing and fixing 1st quality ceramic glazed Digital wall tiles of size 300 mm x 600 mm of Digital type conforming to IS : 15622 (thickness to be specified by the manufacture) 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.	80.00	sqm	1216.40	97312
13	Providing and laying vitrified floor tiles in different sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS: 15622, of approved make, in all colours and shades, laid on 20mm 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.				
	Size of Tile 600x600 mm	60.00	sqm	1500.55	90033
14	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 of any colour and shade				
	Area of slab upto 0.50 sqm	5.00	sqm	4217.35	21087
15	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	400.00	kg	131.00	52400
16	Providing and fixing hand rail of approved size by welding etc. to steel ladder railing, balcony railing, staircase railing and similar works, including applying priming coat of approved steel primer.				
	M.S. tube	400.00	kg	145.65	58260

17	Dismantling of existing MS frame of size 2mX1m including dismantling of cement concrete upto holdfast depth and stacking the material within 50 metres lead	232.00	sqm	100.00	23200
18	Refixing of dismantled MS frame of size 2mX1m including welding of frames, cutting of holes in walls and fixing of holdfast with cement concrete complete as per the direction of engineer-in-charge.	232.00	sqm	250.00	58000
19	Designing, fabricating, testing, installing and fixing in position curtain wall with aluminium composite panel cladding, with open grooves for linear as well as curvilinear portions of the building, for all heights and all levels etc. including:				
	Structural analysis & design and preparation of shop drawings for pressure equalisation or rain screen principle as required, proper drainage of water to make it watertight including checking of all the structural and functional design.				
	Providing, fabricating and supplying and fixing panels of aluminium composite panel cladding in pan shape in metallic colour of approved shades made out of 4mm thick aluminium composite panel material consisting of 3mm thick FR grade mineral core sandwiched between two aluminium sheets (0.5mm thick). The aluminium composite panel cladding sheet shall be coil coated, with Kynar 500 based PVDF/Lumiflon based fluoropolymer resin coating of approved colour and shade on face #1 and polymer (Service) coating on face #2 as specified using stainless steel screws, nuts, bolts, washers, cleats, weather silicone sealant, backer rods etc.				

	The fastening brackets of aluminium alloy 6005 T5/MS with Hot Dip Galvanised with serrations and serrated washers to arrest the wind load movement, fastners, SS 316 Pins and anchors bolts of approved make in SS 316, Nylon separators to prevent bi-metallic contacts all complete required to perform as per the specification and drawing. The item includes cost of all material and labour component, the cost of all mock ups at site, cost of all samples of the individual components for testing n an approved laboratory, field tests on the assembled working curtain wall with auminium composite panel cladding, cleaning and protection of the curtain wall with aluminium composite panel cladding till the handing over of the building for occupation.Base frame work for ACP cladding is payable under the relevant aluminium items. The contractor shall provide curtain wall with aluminium composite panel cladding, having all the performance characterisitcs all complete, as specified, as per the approved shop drawings, as per item description, as specified, Engineer-in-charge. However, for the purpose of payment, only the actual area on the external face of the curtain wall with aluminium composite panel cladding (including width of groove) shall be measured in sqm. upto two decimal places.	70.00	sqm	4309.80	301686
20	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				
	Powder coated aluminium (minimum thickness of powder coating 50 micron)	400.00	kg	456.30	182520
21	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)				
	Powder coated aluminium (minimum thickness of powder coating 50 micron)	50.00	kg	546.35	27318

22	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 8 mm thickness (weight not less than 20 kg/sqm)	50.00	sqm	1462.35	73118
23	Providing and fixing aluminium round shape handle of outer dia 100 mm with SS screws etc. complete as per direction of Engineer-incharge				
	Powder coated minimum thickness 50 micron aluminium	6.00	each	83.60	502
24	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.				
		3.00	each	458.55	1376
25	Providing and fixing tiled false ceiling of specified materials of size 595x595 mm in true horizontal level, suspended on inter locking metal grid of hot dipped galvanized steel sections (galvanized @ 120 grams/ sqm, both side inclusive) consisting of main "T" runner with suitably spaced joints to get required length and of size 24x38 mm made from 0.30 mm thick (minimum) sheet, spaced at 1200 mm center to center and cross "T" of size 24x25 mm made of 0.30 mm thick (minimum) sheet, 1200 mm long spaced between main "T" at 600 mm center to center to form a grid of 1200x600 mm and secondary cross "T" of length 600 mm and size 24x25 mm made of 0.30 mm thick (minimum) sheet to be interlocked at middle of the 1200x600 mm panel to form grids of 600x600 mm and wall angle of size 24x24x0.3 mm and laying false ceiling tiles of approved texture in the grid including, required cutting/making, opening for services like diffusers, grills, light fittings, fixtures, smoke detectors etc. Main "T" runners to be suspended from ceiling using GI slotted cleats of size 27 x 37 x 25 x1.6 mm fixed to ceiling with 12.5 mm dia and 50 mm long dash fasteners, 4 mm GI adjustable rods with galvanised butterfly level clips of size 85 x 30 x 0.8 mm spaced at 1200 mm center to center along main T, bottom exposed width of 24 mm of all T-sections shall be pre-painted with polyester paint, all complete for all heights as per specifications, drawings and as directed by Engineer-in-charge.				
	GI Metal Ceiling Lay in perforated Tegular edge global white color tiles of size 595x595 mm and 0.5 mm thick with 8 mm drop; made of GI sheet having galvanizing of 100 gms/sqm (both sides inclusive) and 20% perforation area with 1.8 mm dia holes and having NRC (Noise Reduction Coefficient) of 0.5, electro statically polyester powder coated of thickness 60 microns (minimum), including factory painted after bending and perforation, and backed with a black Glass fiber acoustical fleece.	30.00	sqm	1649.15	49475

26	Providing and fixing double action hydraulic floor spring of approved brand and manufacture conforming to IS : 6315, having brand logo embossed on the body / plate with double spring mechanism and door weight upto 125 kg, for doors, including cost of cutting floors, embedding in floors as required and making good the same matching to the existing floor finishing and cover plates with brass pivot and single piece M.S. sheet outer box with slide plate etc. complete as per the direction of Engineer-in-charge.				
	With brass cover plate minimum 1.25 mm thickness	3.00	nos.	2573.05	7719
27	Providing and laying 60mm thick factory made cement concrete interlocking paver block of M -30 grade made by block making machine with strong vibratory compaction, of approved size, design & shape, laid in required colour and pattern over and including 50mm thick compacted bed of coarse sand, filling the joints with line sand etc. all complete as per the direction of Engineer-in-charge.	200.00	sqm	859.35	171870
28	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.	2.00	per trip	2500.00	5000
TOTAL				1812663	

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. 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-2018.
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 at the 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.

Percentage rate to be quoted above or below in figure

In words:.....

Name with stamp & Signature of the Agency:


I/C (W & CTO)


S.T.A (C)