



CENTRAL RESEARCH INSTITUTE FOR DRYLAND AGRICULTURE
(Indian Council of Agricultural Research)
Santoshnagar :: Saidabad Post :: Hyderabad - 500059



F.No. 4-7(83)/2011-2012/NICRA

To

Sub.:- Invitation of Quotations for converting the existing old plant breeding lab in to climate change lab at CRIDA Main Campus– Reg.

Sir(s),

Quotations are invited for completion of the following job from the contractor who has following:

- a) Licence / Registration as contractor with any Government Department / Organisation.
- b) IT clearance
- c) Pan Card
- d) Experience in Civil / Electrical work.

A copy of each of the above documents may please be enclosed to quotation, the last date for receipt of quotation in this office is 04-02-2012 (1500 Hrs)

Particulars	Contact Officer
As per Annexure – I & II enclosed	Chairman, Works Committee, CRIDA.

TERMS AND CONDITIONS

1. Quotations should be submitted in a sealed cover addressed to the Director, CRIDA, Santoshnagar, Hyderabad - 500 059. The cover containing quotation should invariably be super scribed :

- a) Enquiry : F. No. 4-7(83)/2011-12
- b) Due on : 04-02-2012 (1500 Hrs)
- c) Name of the work : “Converting existing old plant breeding lab in to climate change lab at CRIDA Main

Campus ”.

2. EMD for Rs.3,300 /- (Rupees Three thousand three hundred only) may be paid by means of DD drawn in favour of ICAR Unit A/c., CRIDA and enclosed to the Quotation, Quotation received without EMD shall be ignored. Also indicate details of DD of EMD on Annexure – II
3. The quotation should remain open for acceptance for a period of 25 days from the due date fixed for submission of quotation.
4. The rates quoted should be total amount payable.
5. This Institute is not in a position to supply any C or D forms.
6. The job should be completed within **3 weeks time** from the date of award. In exceptional and deserving cases extension of time shall be granted to contract beyond the above time of completion taking into account the delay due to unavoidable circumstances. Proposal for extension should be received much in advance before the expiry of scheduled time. Penalty shall be imposed @0.25% per month subject to a maximum of 2.5% of the total cost of the job if job is not completed within scheduled time.
7. Any job which is not included in this order may not be undertaken without specific written orders of competent authority.
8. If it is decided to ask for **excise duty/sales tax or any other charges as extra**, the same must be **specifically** stated. In the absence of any such stipulation it will be presumed that the prices include all such charges and no claim for the same will be entertained. **Please avoid to write expression such as taxes etc., please indicated exact amount/percentage of taxes, duties etc., payable by the Institute.** The prices quoted by the contractor should be exclusive of sales tax and should be clearly stated to be so which will be paid by purchaser.
9. On demand, records relevant to measurement, financial progress should be made available for inspection.
10. The contractor who has been awarded the job will be the principal employer for the labour force. The council will have no liability in this regard.
11. Appropriate Income Tax and other taxes shall be deducted at source by the DDO, CRIDA at the time of payment of the bill.

12. One week from award of work, the Contractor should pay performance guarantee deposit @ 5 % of total value of the order through Bank Guarantee / DD which shall be treated as guarantee for successful performance of completed work for a period of 12 months.
13. The Security Deposit @ 5 % shall be deducted from the running bills. However, the EMD paid shall be adjusted towards part payment of Security Deposit.
14. Arbitration for all disputes between contractor and the Institute in connection with the works shall be referred to the sole arbitrator to be appointed by the Council. The decision of the sole Arbitrator so appointed shall be final and binding on both the parties.
15. Quotation, which do not conform to the above terms and conditions will not be considered. The Director, CRIDA reserves the right to accept or reject any or all quotations without assigning any reason thereof.

Yours faithfully,

Assistant Administrative Officer-EII

Enclosures: Annexure I & II

Annexure - I

Quotation for Repairs to the Drainage Line in Plant Breeding lab, at CRIDA complex – Part I

Sl.no	Description of item	Unit	Qty	Rate	Amount
1 15.2 15.2.2	Demolishing cement concrete manually/ by mechanical means including disposal of material within 200 metres lead as per direction of Engineer-in-charge. 1:4:8 or leaner mix 24.00x0.45x0.45=4.86 cum	cum	4.86		
2 4.1 4.1.10	Providing & laying in position cement concrete of specified grade excluding the cost of centering and shuttering- All work up to plinth level: 1:5:10 (1 cement : 5 coarse sand : 10 graded stone aggregate 40mm nominal size) 24.00x0.45x0.10=1.08 cum	cum	1.08		
3 19.1 19.1.1	Providing, laying and jointing glazed stoneware pipes grade 'A' with stiff mixture of cement mortar in the proportion of 1:1 (1 cement : 1 fine sand) including testing of joints etc. complete. 100 mm diameter 24.00metres	metre	24.00		
4 M.R	Providing & fixing SWG T-trap of size 100x100 as directed by site incharge. 5 nos.	Each	5 nos.		
5 M.R	Construction of 300x230mm (inside) cleaning brick chamber with half brick wall in C.M. (1:6) including 12mm plastering in C.M. (1:4) for both sides & inside plastering with smooth finish with cement slurry(kalai) duly covering with suitable C.I. grating/cover. 6 nos.	Each	6 nos.		

6 17.10	Providing & fixing Stainless Steel A ISI 304 (18/8) kitchen sink as per IS 13983 with C.I brackets & stainless steel plug 40 mm including painting of fittings and brackets, cuttings and making good the walls wherever required:				
17.10.1	Kitchen sink with drain board 510x1040 mm bowl depth 250mm. 1 no.	Each	1 no.		
7 17.28	Providing & fixing P.V.C. waste pipe for sink or wash basin including P.V.C. waste fittings complete.				
17.28.2 17.28.2.1	Flexible pipe. 32 mm dia 1 no.	Each	1 no.		
8 18.10	Providing & fixing G.I. pipes complete with G.I. fittings and clamps, including cutting and making good the walls etc.				
18.10.1	15 mm dia. nominal bore 5.00 metres	metre	5.00		
9 M.R	Providing & fixing S.S Nahni traps as directed by site incharge. 5 nos.				
		Each	5 nos.		
10 M.R	Removal & refixing of existing water supply line of 1 ¼ inch dia about 20 metre length into the down located chamber using the required suitable pipe lengths and fittings required for completing the job as directed by the site incharge.				
		Job	L.S		
11 2.25	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 up to 1.5 m. 1x24.00x0.45x0.35=3.78 cum				
		cum	3.78		

12 11.4	52mm thick cement concrete flooring with concrete hardener topping under layer 40mm thick cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) and top layer 12 mm thick cement hardener consisting of mix 1:2 (1 cement hardener mix : 2 graded stone aggregate 6 mm nominal size) by volume. hardening compound is mixed @ 2 litre per 50kg of cement or as per manufacturers specifications. This includes cost of cement slurry, but excluding the cost of nosing of steps etc. complete. 1x24.00x0.45=10.80 sqm	sqm	10.80		
13 11.8	Extra for making chequers of approved pattern on cement concrete floors, steps, landing, pavements etc. Area same as sl.no 11=10.80 sqm	sqm	10.80		
Total of Part I					

(Signature of the Tenderer)

Annexure - II

Part - II

Name of Work: Estimate for Providing Additional Electrical works to old Plant Breeding Lab as required for facilitating Installation of Growth chambers at CRIDA Main Campus.

Ref: Indent No. CC/01/11 dtd 18/11/2011, received from Dr. M. Maheswari, Head, DCS & PI (NICRA), enclosed.

Brief scope of works: Providing necessary power supply arrangements to the 5 nos. CO₂ Growth chambers, 2 nos. walk-in growth chambers and RO Plant and to all its auxiliary equipments proposed to be installed in the old plant breeding lab. The necessary power supply required to 5 nos. CO₂ growth chambers will be envisaged to be supplied from the existing DB after suitably modifying the same whereas walk in Growth Chambers will be fed from the new Feeder Box being installed for this lab under cable laying contract. Removing / Relocation of all obstructing ceiling fans and FTL fittings are proposed to be taken up departmentally.

Supply, Installation, Testing & Commissioning of Servo controlled voltage stabilizers for CO₂ Growth chambers, Exhaust fans, Fire extinguishers, Equipment grounding, wiring, modifications to existing PDB etc are some of the major works that are envisaged to be undertaken under the present estimate. The detailed estimate is as here under.

No	Description of material	Qty.	Rate Rs	Amount Rs
1	Supply, Installation, Testing & commissioning of 450 mm sweep, 1440 RPM 240 volts Industrial Heavy duty exhaust fan with louvers / shutters including providing and fixing suitable steel brackets and clamps on to the existing grills of steel window / ventilator complete as required. Approved Makes: Crpmpton/Bajaj/Almonard/Havell's	3 no.		
2	Supply & providing circuit/ sub-main wiring on surface or recess with 25 mm pvc conduits or casing & capping and with Finolex make flexible copper conductors of 2x2.5 sq.mm + 1x2.5 sq.mm for earth wire as required for exhaust fans, outdoor units of walk-in type growth chambers etc complete as required as per Specifications of Item no.1.14.2	32 mtr		
3	Supply, Installation, Wiring & Testing of Surface mounting type Switch-Socket Box comprising of the following: All materials anchor make Roma Model: (a) Surface Box white, 6modules – 1 no. (b) Mounting plate, lancy white with base frame, 6 modules – 1 no. (c) 6 amps to 32 amps Roma modular tiny trip C series SP MCB –4 no. (d) 13/10/6 amps combi power socket for all pins, cat no.22070 – 1 no.	2 sets		

4	Supplying and replacing of existing 63 amps 4 poles MCB Isolator with 125 amps FP MCB Isolator in existing Vertical TPN MCB DB complete with connections, testing and commissioning etc. as required. Approved make: Legrand / Havells / Hager etc	1 no.		
5	Supplying and laying 25x3 mm Copper earth strip on surface or in recesses for main earth connections from main power DB up to Walk-in type growth chambers.	24 mtr		
6	Supplying and laying 25x5 mm Copper earth strip on surface or in recesses for main earth connections from earth electrode up to main power DB as per Specifications of Item no.3.17	24 Mtr		
7	Supplying and laying 8 SWG Copper wire as per Specifications of Item no.3.9 of SOR (Electrical), Part-I (Internal) of 2007 of CPWD.	60 mtr		
8	Supply and fixing of CO2 type 4.5 kg Fire Extinguisher with initial charge and comprising of steel type cylinder, discharge hose & horn, mounting bracket etc as per IS:2878, complete as required.	1 no.		
	Supply, fixing, wiring and testing of Legrand make Ekinox type metra plug & socket 20 amps SPN MCB industrial socket outlet as per cat no.607841 with 20 amps "C" series 10 ka SP MCB as per enclosed single line drawing, complete as required. Other approved makes: Havells / Hager	2 no.		
9	Supply and fixing of DCP type 5 kg Fire Extinguisher with initial charge comprising of gun metal union, co2 gas cartridge, & DC Powder, one meter length discharge hose with nozzle, suspension bracket etc complete as required as per IS:2171, complete as required.	1 no.		

10	Supply, Installation, Testing & commissioning of Automatic Servo controlled voltage stabilizer , air cooled type capable of continuously delivering 5 kva load with voltage correction speed of not less than 60 volts per second and efficiency of not less than 98 % with 0 to 50 degree ambient temperature range and suitable for unbalanced supply and load conditions and without any waveform distortion and as per following specifications:Input side : 170 – 270 volts, 1 ph, 47 – 53 Hz,Output side: 230 – 240 volts, 1 ph, 50 Hz, Approved makes: Servomax / Power labs / ITL or any reputed & ISI marked along with TC.	5 no.		
Total of Part II				
Grand Total of Part I and Part II				
(Rupees only)				

DETAILS OF EMD

DD NO:

Dated:

Amount:

Bank & Branch:

(Signature of the Tenderer)

