

F.No.40(3)-2017 -Estate

Date :23.02.2018

Shri Girisha. K
Sri Durga Nilayam
Ayyappa Nagar, Kelugudde
Kudlu P.O, Kasaragod.

Sub : Work "Urgent repairs APFC and MV panels at office campus" at CPCRI, Kasaragod
Ref : Your quotation dated 06.01.2018

Sir,

Your quotation cited above to execute the work "Urgent repairs APFC and MV panels at office campus" at CPCRI, Kasaragod at a total cost of Rs.45,550/- (Rupees **Forty Five Thousand Five hundred and fifty** only including tax) has been accepted and accordingly the work is hereby awarded to you for execution. You are therefore requested to take up the work and complete the same within **30 days**. The order is further subject to the following terms and conditions.

Terms and conditions:

1. The work should be executed strictly as per the directions from the Shri K Devraj, STA, JE (Electrical) and OIC (Maint) of the Institute from time to time.
2. The Institute will not be responsible for any loss/damage/casualty suffered by the Contractor while executing the work, provided there wasn't any mistake on the part of the contractor.
3. Any loss or damage etc. caused to the Institute properties while carrying out the work should be made good failing which necessary action will be initiated to recover the cost of the same.
4. No work tools/implements will be supplied by this Institute.
5. The payment will be made only after satisfactory completion of the whole work to our satisfaction & as per specification.
6. No part payment is payable.
7. Non-completion of the work or part thereof for any invalid reasons within the period prescribed is liable for cancellation and no claims for such works will be entertained under any circumstances and deposits made thereof will be forfeited.

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8. **Defects liability period:** Performance Security will be released only after six months from the date of completion of the work provided that the contractor has attended to all the complaints informed to him within the liability period.
9. The contractor or his worker should not use the office toilets and should not waste the water from the office building.
10. Any defective workmanship found shall be rectified at his cost which may include the materials spoilt/wasted paints due to negligence etc.
11. The contractor shall, on written request of the Director or his representative on the site, immediately dismiss from the work any person employed by him thereon, who may in the opinion of the Director be incompetent or misbehaves himself and such persons shall not again be allowed to work without the written permission of the Director.
12. On completion of the work it should be ensured that premises & its surroundings are cleaned (including removal of paints fallen etc.)
13. Income Tax will be deducted as per rule from the work bill. GST and other tax if applicable will be paid directly to the concerned department by the contractor as per rule and same show in final bill. Further after remittance copy of the same should be furnished at this Office and Performance security only release after that.
14. Prior permission may be obtained for electricity/water facility, if required, subject to payment for the same.
15. The period of 12 days allowed for carrying out the work will be reckoned after 10 days from the date of receipt of this order.
16. **The contractor shall debit the Performance Security within 10 days from the issue of work order. The period can be further extended at the written request of the contractor for the period of 10 days with late fee at the rate of 0.1% per day of Performance Security amount.**
17. The work should be completed within the time limit itself failing which the work order will be cancelled and action taken to complete the remaining work at your risk and cost including forfeiture of security deposit.
18. In case any extension of time is granted beyond the stipulated period for completion of the work due to any unavoidable genuine circumstances as may be decided by the competent authority, penalty clause to be imposed @ 0.25% per month (maximum to 2.5% of the total cost of the work) if work not completed within schedule time or within mutually extended period.
19. The Director of this Institute reserves the right to reject the work as a whole, if the execution is not satisfactory or does not conform to the approved specification.
20. In the event of change of address, that may be informed to the office immediately.
21. If water and electricity is available from the institute by the contract agency then 1.5% of the billed amount shall be deducted from the final bill. If only water supply is availed, then 1% of the billed amount shall be deducted. 0.5% in terms of electricity.

You may remit a Performance Security of **Rs.4555/- (Rupees Four Thousand Five Hundred Fifty Five only)** being the 10% of contract value by DD, FD Receipt or Bank Guarantee from the Commercial Bank in an acceptable form before commencement of the work. The Bid Security deposited along with the tender will be refunded immediately on furnishing the Performance Security (If bank guarantee is produced the period of release of bank guarantee will be given by the office including release of the same).

Please acknowledge receipt of this order and confirm acceptance within 7 days from the date of receipt of this letter.

Yours faithfully,

Sd/-

Assistant Administrative Officer (Estate)

Encl: 1. Schedule of work & *Additional conditions*


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Copy to :

1. The Asst. Labour Commissioner(Central), Office of the Regional Labour Commissioner, Kendriya Shram Sadan, Olimugal, By pass Road, Kakkanad, Kochi 682 030.
2. The Finance and Accounts Officer, CPCRI, Kasaragod. **Head of Account "118203 Repair and Maintenance (Minor works) (Revenue)2017-18.**
3. The AAO(Bills), CPCRI, Kasaragod.
4. Shri K Devraj, STA, JE (Electrical) and OIC (Maint), CPCRI, Kasaragod, it may please be ensured that the contractor is permitted to commence the work at the work site immediately on receipt of security deposit. It may be ensured work is completed within the prescribed time and according to the specifications as approved. The date of commencement of the work awarded may be intimated and progress of work reported periodically.
5. CPCRI, Website

Deep Jale
Assistant Administrative Officer (Estate)

1. The work shall be carried out strictly in accordance with the CPWD General Specifications electrical works 2005 and amended up-to-date. All installations will comply with the requirements of Indian Electricity Rules, 1956 amended up-to-date.
 2. Approval of engineer-in-charge shall be taken in advance for all materials to be used on this work by the contractor.
 3. The contractor or his authorized representative will have to sign the site order book and comply with the remarks therein.
 4. The connections in the cable end box include necessary lugs wherever required for which no extra payment will be made.
 5. All the debris due to electrical works shall be cleared and shall be kept clean by the contractor at all times.
 6. All materials shall be "ISI" marked wherever applicable.
 7. If the PVC conduit already laid for the work the following recovery shall be affected from the bill.
 - a) 20 mm PVC conduit @Rs 41 + tender percentage.
 - b) 25 mm PVC conduit @Rs 47 + tender percentage.
 - c) 32 mm PVC conduit @Rs 56 + tender percentage
 - d) 40 mm PVC conduit @Rs 67 + tender percentage
 - e) 50 mm PVC conduit @Rs 90 + tender percentage
 8. Acceptable make wherever it is used.
- A PVC insulated copper conductor wiring /UG cable : Finolex /Havells/Electro/Nicco
(ISI Marked)
- B PVC conduit with accessories
Bajajplast/Atul./Elephant/Precision/Avonplast/Baloo
(ISI marked)
- C MCB/RCCB/RCBO/ELCB with MCB/MCCB Cat.A : L&T / GE / Legrand / Siemens
- D GI pipe : TATA/ JINDAL/ZENITH
- E Phenolic laminated sheet : Hyiam / Formica /Green lam
- F Switches : L&T / GE / Legrand / Siemens



सहायक प्रशासनिक अधिकारी (एस्टेट)
- Assistant Administrative Officer (Estate)
केन्द्रीय रोपण-फलन अनुसंधान संस्थान
Central Plantation Crops Research Institute
कासरगोड, केरल Kasaragod - 671 124, Kerala



F.No. 40(3)/ 2017-I:state

Dated :- 23.02.2018

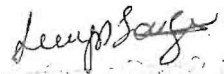
Description of Work

Name of the Work: **Urgent repairs APFC and MV panels at office campus at CPCRI, Kasaragod.**

Sl.No.	Description of Item	Unit	Qty.	Rate	Amount
1	Supplying and fixing 415volts 3 ph ,50Hz following capacity capacitor duty controlled contactors after removing the damaged contactor i/c connections using copper lugs etc as required. (L&T /SEIMENS/Equivalent)				
	a) 10 KVAR	Nos	1	2342.00	2342.00
	b) 20 KVAR	Nos	1	2808.00	2808.00
2	Supplying and fixing 440 Volts 3 ph ,50Hz Heavy duty capacitor (LT BCH series/equivalent) following capacitors after removing the damaged contactor i/c connections using copper lugs etc as required.	Kvar	5	350.00	1750.00
3	Supplying and fixing of the following handle assembly in for existing panel after removing broken handle i/c drilling making provision etc as rqd. (400Amp. SDFU simens 3KL4130-1YA00)	Nos	1	1000.00	1000.00
4	Supplying and making end termination with brass compression gland and aluminum lugs for following size of PVC insulated and PVC sheathed / XLPE aluminum conductor cable of 1.1 kV grade.				
	a) 3½ X 300 sq. mm (70 mm)	Each	2	900.00	1800.00
	b) 3½ X 70 sq. mm (38mm)	Each	2	500.00	1000.00

5	Supplying and fixing the following in the existing MV panel board after removing existing damaged ones, i/c connections etc as reqd (Accuracy class 1.L&T /Equivalent)				
	a) LED indicators (L&T TMOX1/Equivalent)	Nos	23	200.00	4600.00
	b)LED Ammeter 5A within built 3 ph.selector 96 x 96 mm	Nos	3	1450.00	4350.00
	c)LED Voltmeter 500 V within built 3ph.selector 96 x 96 mm	Nos	2	1450.00	2900.00
6	Supplying and making straight through joint with heat shrinkable kit including ferrules and other jointing materials for 3½ X 70 sq. mm size of PVC insulated and PVC sheathed / XLPE aluminium conductor cable of 1.1 kV grade as required.	Nos	1	2500.00	2500.00
7	Excavating trenches required for the width of cable,pipes etc for sockets, and dressing sides ,raming of bottom , depth upto 1.5 m ,including getting out the excavated soil,and then refilling the soil as required in layersby ramming watering etc to facilitate the inspection of UG cable.	Meter	3	1000.00	3000.00
8	Supplying the following items for the use R&M works of 11 KV substation				
	a) Lightning arrester 11KV 5KA	Nos	12	1250.00	15000.00
	b) Safety gloves as per IS-4770	Set	2	1250.00	2500.00
				Total	45,550.00

(Rupees Forty Five Thousand Five Hundred and Fifty Only)


 Ananta Prasad (Pstate)
 Assistant Administrator
 Central Plantation Crops Research Institute
 Kasaragod - 691 121, Kerala