



भाकृअनुप - केन्द्रीय रोपण फसल अनुसंधान संस्थान  
कासरगोड़, केरल - 671 124 भारत  
ICAR - Central Plantation Crops Research Institute  
Kasaragod - 671 124, Kerala, India  
(An ISO 9001:2008 Certified Institution)



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

Date :23.03.2018

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

Sub : Work "Laying of UG cable and Installation of DBs for the HDMS plot pump house" at  
CPCRI, Kasaragod  
Ref : Your quotation dated 15.03.2018

Sir,

Your quotation cited above to execute the work "**Laying of UG cable and Installation of DBs for the HDMS plot pump house**" at CPCRI, Kasaragod at a total cost of Rs.76,600/- (Rupees **Seventy six thousand six hundred** 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 **07 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 **07** 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.7660/- (Rupees Seven thousand six hundred and sixty 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 terms and 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

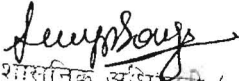
*Sampath*

Assistant Administrative Officer (Estate)

## ADDITIONAL CONDITIONS

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/Balco (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	: Hylam / Formica /Green lam
F. Switches	: L&T / GE / Legrand / Siemens

  
सहायक प्रशासनिक अधिकारी (एस्टेट)  
Assistant Administrative Officer (Estate)  
केन्द्रीय रोपण फसल अनुसंधान संस्थान  
Central Plantation Crops Research Institute  
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F.No. 40(3)/ 2018-Estate

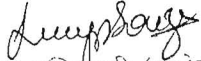
Dated : 23.03.2018

Description of Work

Name of the Work: Laying of UG cable and Installation of DBs for the HDMS plot pump house at CPCRI, Kasaragod.

SI No	Description of work	Unit	Qty.	Rate	Amount
1	Wiring for circuit/sub main wiring along with earth wire with the following size PVC insulated copper conductor single core cable in surface/ recessed PVC conduit as reqd.				
	a) 2 x 4 sqmm + 1 x 4 sqmm earth wire	mtr	2	200.00	400.00
	b) 4 X 6 sq. mm + 2 X 6 sq. mm earth wire	mtr	6	250.00	1500.00
2	Supplying and fixing 4way (4+12) Double door prewired vertical type TP&N MCB distribution board of steel sheet for 415 volts on surface/ recess complete with loose wire box of sheet steel, dust protected, duly powder painted, inclusive of 200 amps tinned copper bus bar, common neutral link, earth bar, din bar for mounting MCB's, terminal connectors for all incoming and outgoing circuits, duly prewired with adequate size of FR PVC insulated copper conductor up to the terminal connector/ neutral link, earthing etc as required (But without MCB/ RCCB/ Isolator).	Nos	1	12000.00	12000.00
3	Supply and fixing the following in the existing MCBDB complete with connections, testing, commissioning etc. as required.(connections shall be done with suitable size copper lugs) Cat.A				
	a) 6 to 32 Amp. SP MCB "C" series	Nos	2	300.00	600.00
	b) 6 to 25 Amp TP MCB	Nos	3	1000.00	3000.00
	e) 63Amp. 4 pole MCCB DPX	Nos	1	15000.00	15000.00
4	Supplying and making end termination with brass compression gland and aluminum lugs for following size of PVC insulated and PVC sheathed/ XLPE Al. conductor cable of 1.1 KV grade as required . (a) 3.5 X 50 sq.mm(38mm)	Nos	2	400.00	800.00

SI No	Description of work	Unit	Qty.	Rate	Amount
5	Laying of one number PVC insulated and PVC sheathed / XLPE power cable of 50 sq. mm, 1.1 KV grade of following size direct in ground including excavation, protective covering and refilling the trench etc as required.	Meter	87	300.00	26100.00
6	Laying and fixing of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade of following size Above 35 sq.mm to 95 sq.mm (clamped with 25X3mm MS flat clamp)	mtr	3	300.00	900.00
7	Earthing with GI earth pipe 2.5mtrs long x 40mm dia i/c accessories, and providing masonry enclosure with cover plate having locking arrangement etc. with charcoal & salt complete as reqd.	set	2	6000.00	12000.00
8	Pdg and laying earth connections from earth electrode with 4mm dia copper wire in 15mm dia GI pipe as reqd.	mtr	4	200.00	800.00
9	Pdg and fixing 4mm dia copper wire on surface or in recess for loop earthing as reqd.	mtr	10	200.00	2000.00
10	Dismantling of existing cable connections to the pump control panel and MV panel etc as directed.	Job	1	1500.00	1500.00
<b>TOTAL</b>					<b>76,600.00</b>

  
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