



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)



Phone (Off) : 04994 - 232333
Fax : 04994 - 232322
EPABX : 04994 - 232893 - 95
04994 - 232090
04994 - 232996



E-mail : director.eperi@icar.gov.in
directoreperi@gmail.com
chowdappa.p@icar.gov.in
Website : <http://www.eperi.gov.in>

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

Date :22.11.2018

**Mr. Nishanth K,
Govt. Contractor,
Puthiya Purayil House,
Kandamkulangara,
Kunhimangalam P.O,
Kannur 670 309.**

Sub : Work "Providing roof protection to the Aris Cell (AKMU) from rain water seepage inside the room" at CPCRI, Kasargod- reg
Ref : Your quotation dated 11.08.2018

Sir,

Your quotation cited above to execute the "**Providing roof protection to the Aris Cell (AKMU) from rain water seepage inside the room CPCRI, Kasargod**" at a total cost of Rs. **160140/-** (Rupees **One lakh sixty thousand one hundred and forty 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 **45 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 Ajith Kumar K, Technical Officer (Civil Engineering) 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.
8. Not less than minimum rate of wages fixed for the respective category should be paid to the workers. All requirements under labour laws should be fulfilled

9. **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.
10. The contractor or his worker should not use the office toilets and should not waste the water from the office building.
11. Any defective workmanship found shall be rectified at his cost which may include the materials spoil/wasted paints due to negligence etc.
12. 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.
13. On completion of the work it should be ensured that premises & its surroundings are cleaned (including removal of paints fallen etc.)
14. 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 the final bill. Further after remittance copy of the same should be furnished at this Office. The performance security amount will be released after getting the GST details.
15. Prior permission may be obtained for electricity/water facility, if required, subject to payment for the same.
16. The period of 45 days allowed for carrying out the work will be reckoned after 10 days from the date of receipt of this order.
17. **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.**
18. 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.
19. 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.
20. 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.
21. In the event of change of address, that may be informed to the office immediately.
22. 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. 16014/- (Rupees Sixteen thousand and fourteen 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/-

Asst. Administrative Officer (Estate)

Encl: 1. Shedule of work & Drawing.

Cont... page 3

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 (Office Building)** (Revenue)2018-19.
3. The AAO(Bills), CPCRI, Kasaragod.
4. Shri Ajith Kumar K, Technical Officer (Civil Engineering) 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

2263 ✓


Asst. Administrative Officer (Estate)
 Assistant Administrative Officer (Estate)
 केंद्रीय रोपण फसल अनुसंधान संस्थान
 Central Plantation Crops Research Institute
 कासरगोड़, केरल Kasaragod - 671 123, Kerala



Phone (OIT) : 04994 - 2332333
Fax : 04994 - 2332322
EPABX : 04994 - 232893 - 95
04994 - 232090
04994 - 232996



E-mail : director.eperi@icar.gov.in
director.eperi@gmail.com
chowdappa.p@icar.gov.in
Website : http://www.eperi.gov.in

Name of the work: PROVIDING ROOF PROTECTION TO THE ARIS CELL (AKMU) FROM RAIN WATER SEEPAGE INSIDE THE ROOM AT C.P.C.R.I., KASARAGOD - 671 124.

SCHEDULE OF WORK


Sl.No.	Description of the work	Unit	Approx. Qty.	Rate Quoted	Amount (Rs.)
1)	Dismantling old plaster or skirting raking out joints and cleaning the surface for plaster including disposal of rubbish to the dumping ground within 50 metres lead.	Sqmt	5.00	35.00	175.00
2)	Brick work 7 cm thick with common burnt clay F.P.S. (non modular) brick of class designation 7.5 in cement mortar 1:3 (1 cement : 3 coarse sand) in superstructure above plinth level and upto floor five level. The work shall include, cost and conveyance of all materials scaffolding, labour, curing etc., complete.	Sqmt	5.00	900.00	4500.00
3) 3(A)	Providing and erecting Tubular Steel Pipe column (of approved make) using 3" dia 75mm) vertical post, 2" dia (50mm) 'B' class GI pipe top welded with Base plate 8 mm, 20mm dia bolt, nut etc. The work shall include cost and conveyance of all materials cutting, welding, hoisting, grinding, fixing in position and applying one coat of anti-corrosive zinc chromatic primer etc and welding the base plate with pipe allround and fixing /drilling of 10cms long Anchor bolt to the slab .and running of ISMC of size 100 x 45mm , thickness of flange 5.1mm @ 5.80Kg/m and welded securely to the top plate all-round etc. as directed A) <u>75mm (3") 'B' Class GI Pipe [inner diameter]</u>	Rmt	8.10	900.00	7290.00
3(B)	B) 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 Zinc				

10/1

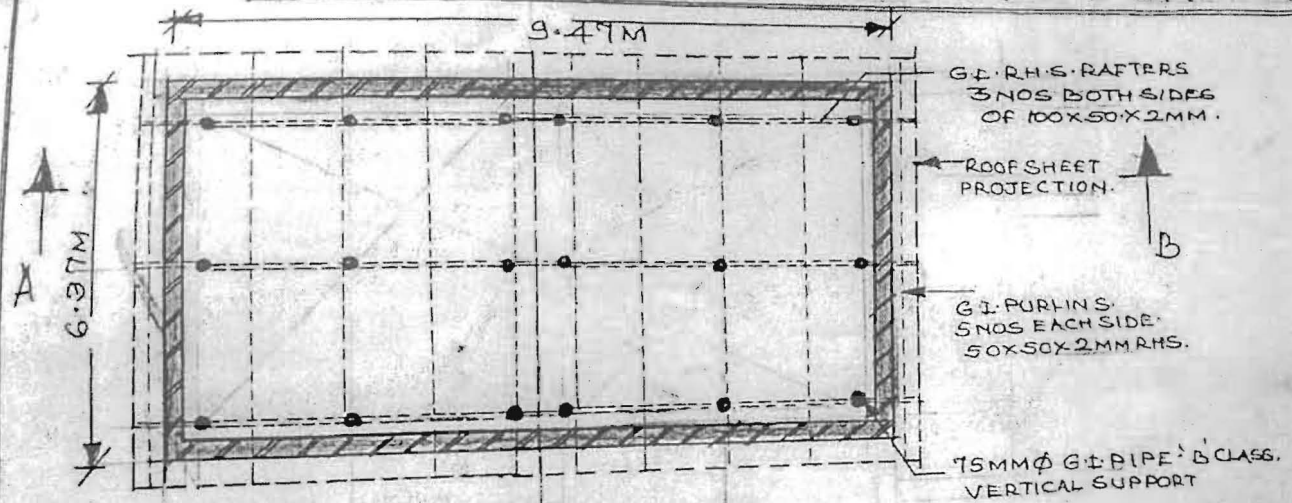
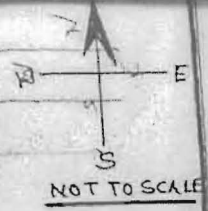
	chromatic metal primer all complete. USING Base plate 6mm thick @ 47.10 kg./Sq. mt ,_2) ISMC of size 100 x 45mm , thickness of flange 5.1mm @ 5.80Kg/m 3) Support bars 8mm dia 4nos each	Kgs	53.00	115.00	6095.00
3 (C)	C) Anchor bolt 10cms long &20mm dia , drilled to the RCC slab For 18 plates x 4 no per plate = 72nos	Nos	72	110.00	7920.00
4)	Providing and fixing Steel work in built up tubular (round, square or rectangular hollow tubes etc) Rectangular hollow sections (RHS) of size, 50mm x 50mm x 2.00mm @2.93Kg/m as Purlins , 100mm x 50mm x 2mm @4.50kg/m as rafters The Rectangular hollow sections side shall be fixed to the outer side of vertical channel by welding extra MS angle of 40 mm x 40mm x 4mm and RHS section or by using self drilling /self tapping screws of size (5.5 x 55mm) l /vertical or curved surfaces or by welding. The rate shall include cost and conveyance of all materials, fabrication, welding grinding, drilling, applying one coat of “ ZINC CHROMATE PRIMER ” of approved brand and manufacture on steel galvanized iron/steel works after scrapping, sand papering cleaning the surface of dust, dirt and loose flakes, transportation etc. complete directed as per drawing and design. (The end portions of purlin shall be sealed with metal and closed)	Kgs	345.00	130.00	44850.00
5)	Supplying and installation of precoated galvanized iron profile sheets (size ,shape and pitch of corrugation as approved by Engineer –in –charge) 0.50mm +/- 5% total coated thickness (TCT)thick Zinc coating 120 gsm as per IS 277 in 240 mpa steel grade , 5-7 microns epoxy primer on both the side of the sheet and polyester top coat 15-18 microns . Sheet should have protective guard film of 25 microns minimum to avoid scratches while transportation and should be supplied in single length upto 12 meters or as desired by Engineer –in-charge. The sheet shall be fixed using self drilling /self tapping screws of size (5.5 x 55mm) with EPDM seal OR with polymer coated J or L hooks, bolts, and nuts 8mm diameter with bitumen and GI Limpet washers or with GI. Limpet washers filled with white lead 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.	Sqmt	75.00	970.00	72750.00

	Roof 2 x 7.50 x 5.00 = 75.00 Sqmt				
6)	Providing and fixing precoated galvanised steel sheet roofing accessories 0.50 mm (+ 0.05 %) total coated thickness, 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 using self drilling/ self tapping screws complete : Ridges plain (500 - 600mm)	Rmt	7.50	500.00	3750.00
7)	Providing and plastering the wall surfaces in CM 1:4 (1 cement: 4 coarse sand), 12 mm thick, using clean sieved approved sand with TAPI/TROWEL FINISH . The rate shall include cost and conveyance of all materials, scaffolding, labour, curing etc., complete	Sqmt	15.00	280.00	4200.00
8)	Providing and applying best quality synthetic enamel paint of approved brand (I.C.I./ BERGER/NEROLAC)2 or more coats Over primer to give an even shade to the wooden surfaces applied @ 0.90 lit/10 sqmt over an undercoat of primer applied @0.75 lit/10 sqmt . The work shall include cleaning the surface of dirt/dust and foreign matter, sand papering including cost and conveyance of all materials, labour, scaffolding, cleaning paint stain from walls, floor etc complete as per specification and direction	Sqmt	35.00	150.00	5250.00
9)	Finishing walls with textured exterior paint of required shade (Apex ultima/ Berger weather coat) Old work (Two or more coats on existing cement paint surface applied @ 3.28 ltr/10 sqm. . The rate shall include cost and conveyance of all materials, scaffolding, labour, curing etc., complete	Sqmt	21.00	160.00	3360.00
	Grand Total Rs.				160140.00

Amount in words : One lakh sixty thousand one hundred and forty only

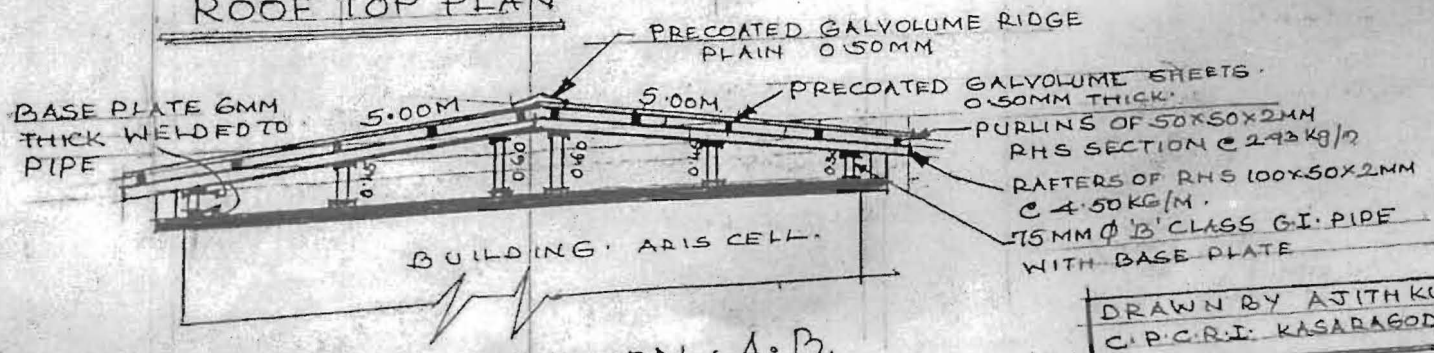

 सहायक प्रशासनिक अधिकारी (एस्टेट)
 Assistant Administrative Officer (Estate)
 केंद्रीय रोपण फसल अनुसंधान संस्थान
 Central Plantation Crops Research Institute
 कासरगोड, केरल Kasaragod - 671 124, Kerala

LAYOUT PLAN SHOWING THE STRUCTURAL SECTIONS ON THE ROOF OF ARIS CELL FOR LAYING GALVANISED COLOR G.I. SHEETS.



ROOF AREA -
75.00 SQMT.

ROOF TOP PLAN



CROSS SECTION - A.B.

DRAWN BY AJITH KUMAR,
C.P.C.R.I. KASARAGOD.