



भाकृअनुष - केन्द्रीय रोपण फसल अनुसंधान संस्थान
कासरगोड, केरल - 671 124 भारत
ICAR - Central Plantation Crops Research Institute
Kasaragod - 671 124, Kerala, India
कृषि अनुसंधान संस्थान



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

Date :11.05.2018

Shri Mohammed Rafic C.A,
PWD Contractor,
Kallangai House,
Kasaragod 671 124.

Sub : Work "Repair and replacing damaged ac sheet roofing with galvolume sheets- to the Ginger Shed and Coconut Store at ICAR- C.P.C.R.I., Kasaragod - reg
Ref : Your quotation dated 01.01.2018

Sir,

Your quotation cited above to execute the work "Repair and replacing damaged ac sheet roofing with galvolume sheets to the Ginger Shed and Coconut Store at ICAR- C.P.C.R.I., Kasaragod" at a total cost of Rs. 4,49,370/- (Rupees Four lakh forty nine thousand three hundred seventy 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 **60 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, Technical Officer (Civil Engineer) 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.

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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 spoilt/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 final bill. Further after remittance copy of the same should be furnished at this Office. The performance security amount will be release after remit the same.
15. Prior permission may be obtained for electricity/water facility, if required, subject to payment for the same.
16. The period of 60 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 made availed 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. 44937/- (Rupees forty four thousand nine hundred thirty seven 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/-

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)2018-19.
3. The AAO(Bills), CPCRI, Kasaragod.
4. Shri Ajith Kumar, Technical Officer (Civil Engineer) 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.
CPCRI, Website

1687
L.S.

Assistant Administrative Officer (Estate)

Central Office, Kasaragod - 671 124, Kerala



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SCHEDULE OF WORK

Name of the Work: Repair and replacing damaged ac sheet roofing with galvolume sheets to the Ginger Shed and Coconut Store at ICAR- C.P.C.R.I., Kasaragod – 671 124.


Sl.No.	Description of the work	Unit	Approx Qty.	Rate	Amount (Rs.)
1	Dismantling				
1 (a)	Dismantling roofing including ridges, hips, valleys and gutters etc.,and stacking the material within 50 metres lead of: Asbestos sheet	Sqmt	355	50.00	17750.00
1 (b)	Dismantling doors, windows and clerestory windows (steel or wood) shutter including chowkhats, architrave, holdfasts etc. complete and stacking within 50 metres lead : Of area beyond 3 sq. metres and	Each	4	500.00	2000.00
1 (c)	Providing and Fixing readymade Brick grills/ Jali set in C.M 1:2 (1 cement: 5 fine sand) or using cement adhesive .. The rate shall include transportation, cost and conveyance of all materials, scaffolding, labour, curing etc., complete, etc complete, as directed by the Engineer in charge.	Sqmt	13.50	2000.00	27000.00
2	Repairs to plaster of thickness 12 mm to 20 mm in patches of area 2.5 sq. meters and under, including cutting the patch in proper shape, raking out joints and preparing and plastering the surface of the walls complete, including disposal of rubbish to the dumping ground, all complete as per directions of Engineer-In-Charge. 1 With cement mortar 1:4 (1cement: 4 coarse sand)	Sqmt	14.00	300.00	4200.00
3)	Anodised Aluminium fittings (all fittings shall be isi marked)				
3 (a)	Providing and fixing aluminium sliding door bolts, (Aldrop)ISI marked anodized anodic coating not less than grade AC 10 as per IS : 1868), transparent or dyed to required colour or shade, with nuts and screws etc. complete: 300x16 mm Size	Each	2	300.00	600.00
3 (b)	Providing and fixing aluminium tower bolts , ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade, with necessary screws etc. complete : 250x10 mm Size	Each	4	300.00	1200.00
3 (c)	Providing and fixing aluminium handles , ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade, with necessary screws etc. complete: 125 mm Size.	Each	4	300.00	1200.00

(Handwritten signature)

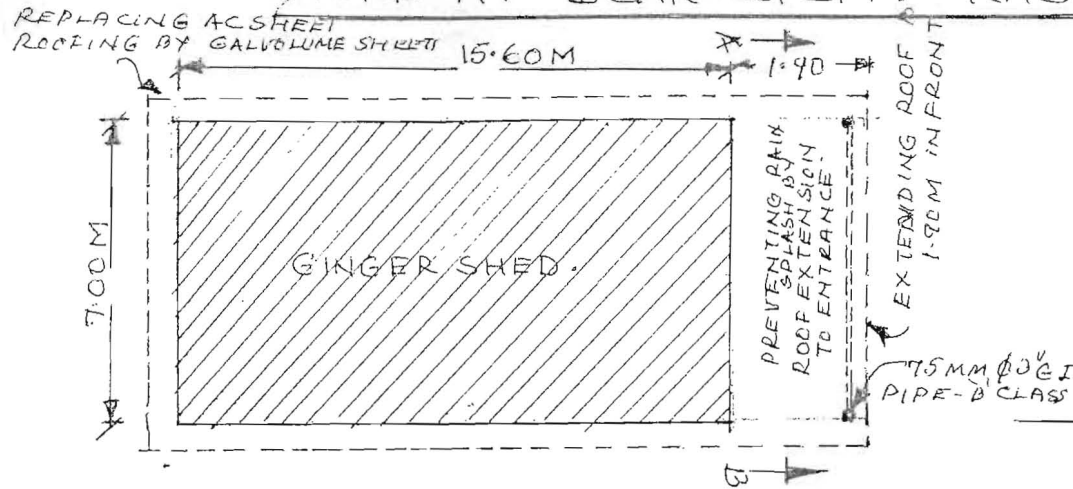
4 (a)	Providing and erecting Tubular Steel Pipe column (of approved make) using 3" dia 75mm) vertical post, 'B" class GI pipe top welded with Base plate 6 mm thick. The work shall include cost and conveyance of all materials cutting, welding, hoisting, grinding, fixing in position and applying one coat of anti-corrosive zinc chromatic primer etc. as directed A) 75mm (3") 'B' Class GI Pipe [inner diameter]	Rmt	8.50	700.00	5950.00
4 (b)	Charges towards fixing the 75MM vertical pipe to the ground by excavating the soil of size 0.40x 0.40 x 0.40 and filling the balance portion in CC12:4 mix, using 20mm and downsize metal and welding 2 nos of 10mm rod of 23cms length perpendicular below Ground to act as grip Rate shall including laying , consolidation , curing etc complete as directed.. For 2 pipes	Nos	2	500.00	1000.00
5)	Structural Steel Providing and fixing Steel work in built up tubular (round, square or rectangular hollow tubes etc) Rectangular hollow sections (RHS) of size, 100mm x 50mm x 2mm @4.50kg/m as rafters , . 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 ends of RHS section shall be closed and filled by welding.	Kgs	70.00	110.00	7700.00
6)	Structural steel work in single section , fixed with or without connecting plate, including cutting, hoisting. fixing in position and applying a priming coat of approved steel primer all complete.	Kgs	175.00	110.00	19250.00
7)	Roofing Providing and fixing precoated galvanised iron profile sheets (size, shape and pitch of corrugation as approved by Engineer-in-charge) 0.50 mm (+ 0.05 %) total coated thickness with 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. Sheet should have protective guard film of 25-microns minimum to avoid scratches during transportation and should be supplied in single length upto 12 metre or as desired by Engineerin-charge. The sheet shall be fixed using self drilling /self tapping screws of size (5.5x 55 mm) with EPDM seal, 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	385.00	800.00	308000.00
8)	Adjustable ridges 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	40.50	400.00	16200.00
9)	Finishing Removing rust and loose flakes over purlin (angular) by scrapping and sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete	Sqmt	52.00	50.00	2600.00

10)	Removing dry or oil bound distemper, water proofing cement paint and the like by scrapping, sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete. Specification no 14.46, page no 246 ,DSR 2016	Sqmt	161.00	30.00	4830.00
11)	Applying one coat of water thinnable cement primer of approved brand and manufacture on wall surface : . 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 Water thinnable cement primer	Sqmt	161.00	30.00	4830.00
12)	Finishing walls with Premium Acrylic Smooth exterior paint with Silicone additives of required shade . 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 Old work (Two or more coats applied @ 1.43 ltr/ 10sqm) over existing cement paint surface	Sqmt	161.00	70.00	11270.00
13)	Painting (one or more coats) with black Japan paint of approved brand and manufacture to give an even shade. . 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	25.00	50.00	1250.00
14)	FINISHING White washing with lime to give an even shade to the wall surfaces using best quality super white lime powder , synthetic adhesive and blue pigment and sand papering wherever necessary as per instruction of Engineer: Old work (two or more coats)	Sqmt	452.00	20.00	9040.00
15)	Painting Steel work with Deluxe Multi Surface Paint to give an even shade. Two or more coat applied @ 0.90 ltr/ 10 sqm over an under coat of primer applied @ 0.80 ltr/ 10 sqm of approved brand and manufacture. 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 For new surfaces	Sqmt	13.00	100.00	1300.00
16)	Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade to the wooden surfaces. 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 One or more coats on old work	Sqmt	22.00	100.00	2200.00
				Grand Total Rs.	4,49,370.00
Rupees Four lakh forty nine thousand three hundred seventy only					

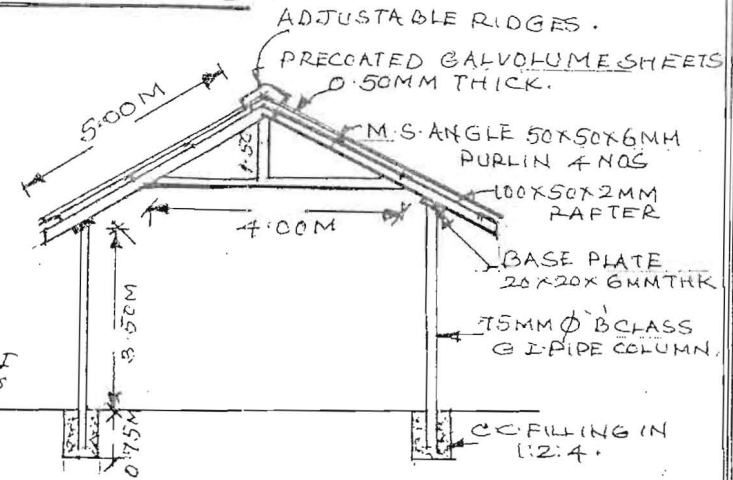
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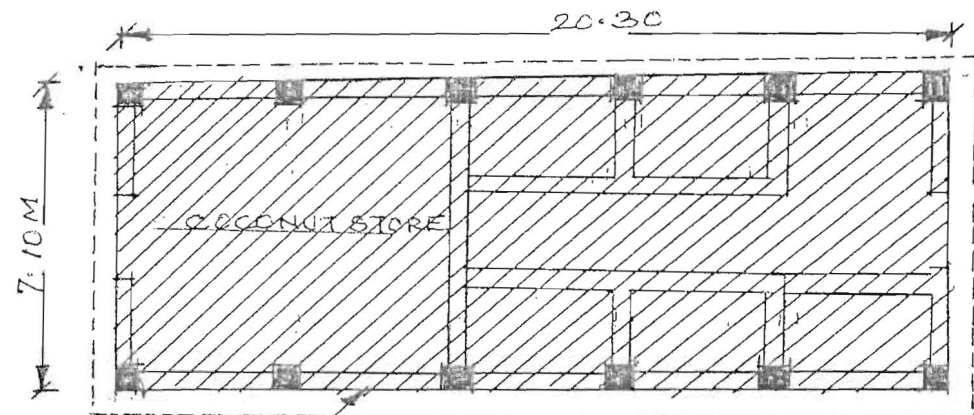
REPAIRING & REPLACING DAMAGED A.C SHEETS ROOFING WITH GALVOLUME SHEETS TO THE GINGER SHED & COCONUT STORE AT ICAR-CPCRI, KASARAGOD



EXISTING PLAN OF GINGER SHED.



SECTION AT-AB.



EXISTING PLAN OF COCONUT STORE

INDEX:

ROOF AREA = 385 SQMT
(OR) 4123 SQFT.

PLINTH AREA:
GINGER SHED. - 109.20 SQMT
COCONUT STORE - 144.13 SQMT.

NOT TO SCALE



भारत सरकार - केन्द्रीय शैक्षणिक अनुसंधान संस्थान
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