

भाकृजनप - केन्द्रीय रापण फसल अनुसंधान संस्थान
 कासरगोड, कर्नाट - 671 124 भारत
 K. J. Somaiya Plantation Crops Research Institute
 Kasaragod - 671 124, KARNATA, India



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F.No.40(3)-2018 -Estate

Date :23.04.2018

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

Sub : Work "Repairs, Renovation and replacing the damaged false ceiling , window shutter, wall tiles ,wash basin etc to the nematology lab at old lab building at C.P.C.R.I., Kasaragod - reg
 Ref: Your quotation dated 28.03.2018

Sir,

Your quotation cited above to execute the work "Repairs, Renovation and replacing the damaged false ceiling, window shutter, wall tiles, wash basin etc to the nematology lab at old lab building at C.P.C.R.I. , Kasaragod" at a total cost of Rs. 1,41,000/- (Rupees One lakh forty one thousand 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 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.

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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. The performance security amount will be release after remit the same.
14. Prior permission may be obtained for electricity/water facility, if required, subject to payment for the same.
15. The period of 30 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. 14,100/- (Rupees Fourteen thousand one hundred 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. Shedule of work

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 "118201 Repair and Maintenance (Office Building) (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.
5. CPCRI, Website

Assistant Administrative Officer (Estate)

F.No. 40(3)/ 2018-Estate

Dated : 23.04.2018

Description of Work

Name of the Work: Repairs, Renovation and replacing the damaged false ceiling , window shutter, wall tiles ,wash basin etc to the nematology lab at old lab building at 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 doors, windows and clerestory windows (steel or wood) shutter including chowkhats, architrave, holdfasts etc. complete and stacking within 50 metres lead : Of area 3 sq. metres and below	Each	1	352.00	352.00
1(b)	Taking out doors, windows and clerestory window shutters (steel or wood) including stacking within 50 metres lead : Of area 3 sq. metres and below.	Each	2	182.00	364.00
1(c)	Dismantling cement asbestos or other hard board ceiling or partition walls including stacking of serviceable materials and disposal of unserviceable materials within 50 metres lead.	Sqmt	32.00	36.00	1152.00
1(d)	Removing /dismantling the existing PVC partition , moving the wooden table inside and refitting to original shape and finish	Sqmt	14.10	160.00	2256.00
1(e)	Demolishing cement concrete manually/ by mechanical means including disposal of material within 50 metres lead as per direction of Engineer - in - charge. Nominal concrete 1:3:6 or richer mix (i/c equivalent design mix)	Cumt	0.08	1525.00	122.00
1(f)	Dismantling tile work in floors and roofs laid in cement mortar including stacking material within 50 metres lead. For thickness of tiles 10 mm to 25 mm	Sqmt	7.00	48.00	336.00
2)	Renewing glass panes, with wooden fillets wherever necessary: The work shall include removing old broken glass , disposing it and fixing new one as directed Float glass panes of thickness 4 mm	Sqmt	0.07	1300.00	91.00
3)	CEMENT CONCRET (CAST IN SITU) Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering – 1:2:4 (1 cement: 2 coarse sand (zone-III): 4 graded stone aggregate 20 mm nominal size).	Cumt	0.08	8350.00	668.00

3)	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	3.50	418.00	1463.00
4)	CERAMIC GLAZED TILES Providing and fixing 1st quality ceramic glazed wall tiles conforming to IS:15622 (thickness to be specified by the manufacturer), of approved make, in all colours, shades except burgundy, bottle green, black of any size as approved by Engineer-in-Charge, in skirting, risers of steps and dados, over 12 mm thick bed of cement mortar 1:3 (1 cement : 3 coarse sand) and jointing with grey cement slurry @ 3.3kg per sqm,/or with cement based high polymer modified quick-set tile adhesive (Water based) conforming to IS: 15477, in average 3mm thickness including pointing in white cement mixed with pigment of matching shade complete.	Sqmt	7.00	1135.00	7945.00
5)	Providing and fixing decorative veneer 3mm or nearest size (Approved) for fixing on the existing partition , door frames and sides .etc using nails screws , SR bond adhesive etc complete.	Sqmt	6.00	670.00	4020.00
6)	MS Grill for window Steel work welded in built up sections/ framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required. In gratings, frames, guard bar, ladder, railings, brackets, gates and similar works Outer section 25 mm x 6mm MS FLAT allround , and 12 mm rods welded to the inner side of frame , 7 nos welded at equi distance fixed to the frame by means of screws	Kgs	30.00	130.00	3900.00
7)	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	6.00	16.00	96.00
8)	Distempering with 1 st quality acrylic distemper (ready mixed) of approved manufacturer, of required shade and colour complete, as per manufacturer's specification. . 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 (one or more coats)	Sqmt	162.00	50.00	8100.00
9)	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	25.00	78.00	1950.00

10)	Varnishing with flatting varnish of approved brand and manufacture one or more coats on old work. sqm 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, MANUFACTURERS instruction and direction	Sqmt	17.00	72.00	1224.00
	Charges towards fixing the Kadappa slabs below the platform . The work shall include transporting the available Kadappa stone slabs , cutting , resizing , polishing fixing inside the platform using available MS angular screwed to the wall , fixing etc complete as directed	Sqmt	1.40	670.00	938.00
11)	PVC CEILING Supplying and fixing PVC laminated false ceiling (sintex/Polypan) with aluminum angle of 25mm x 25mm along with the perimeter of ceiling . Main frame 50mm x 25mm rectangular section laid at 90cms c/c with the help of 25mm x 25mm square section laid 60cms c/c with the help of 25mm x 25mm L angle and frame work to be supported from the existing rafter. The grid work is suspended on intermediate tubular section with same aluminum square tubes. The side and the intermediate tubes are fixed to each other by stainless steel screw of size 19 x 8 mm. The intermediate tubular section is fixed to the MS angles already fixed with the help of same tubular sections. After the grid work is completed it has to be covered with the multi chambered hollow PVC section (sintex) from below with the help of self tapping screws 19 x 8mm. The PVC hollow section having an overall dimension of 250 x 6mm thick with a wall thickness of 0.80mm plus or minus 0.30 mm and jointed with each other by lap joint, which will conceal the screws. Necessary cut off for electrical connection mirror optic lighting etc. shall be provided at required spaces without any extra cost wherever required etc and as directed.	Sqmt	32.00	1680.00	53760.00
12)	Providing and fixing Powder coated aluminum work for sliding shutter External side of window opening with extruded built up standards tubular and other sections of approved make and conforming to IS733 and IS 1285 sections medium sections anodised of Jindal / Hindalco make medium guage dyed to required shade fixed with Rawl plugs and screws or with fixing clips or with expansion fold fasteners including necessary filling up of gaps at junctions, at top, bottom and sides with required PVC/Neoprene felt etc. Two track Aluminum sections shall be smooth, rust free, straight and jointed mechanically wherever required including cleat angle, aluminum snap beading for glazing/paneling, 5mm thick black tinted glass (SAINT GOBIAN) with necessary EPDM gaskets, automatic flush type lock, nylon rollers and other hardware etc complete.	Sqmt	3.70	3920.00	14504.00
13)	Water supply and plumbing Works				
13 (a)	C.P.V.C. PIPES Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and testing of joints complete as per direction of Engineer in Charge. Internal work - Exposed on wall 20 mm nominal outer dia Pipes	Rmt	6.00	275.00	1650.00
13(b)	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) Ball Valve 25mm (1"). The rate shall include , cutting the pipe line , joining , fixing using cement solvent , labour etc complete as directed.	Each	3	224.00	672.00

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14)	Providing and fixing P.V.C. waste pipe for sink or wash basin including P.V.C. waste fittings complete. 32 mm dia Semi Rigid Pipe	Each	3	115.00	345.00
15)	Providing and supplying/ fixing PVC waste water pipe 50mm dia connection from wash basin / Kitchen sink bathroom and connecting it to the nearest inspection chamber/outlet The work shall include cutting and threading the pipes, providing and fixing tee, coupling, bends etc labour/ plumbing for all items of works, testing and hire charges machinery, equipments complete as per specifications and directions	Rmt	6.00	224.00	1344.00
16)	Providing and fixing white vitreous china laboratory sink with C.I. brackets, C.P. brass chain with rubber plug, 40 mm C.P brass waste and 40mm C.P. brass trap with necessary C.P. brass unions complete, including painting of fittings and brackets, cutting and making good the wall wherever required : Size 450x300x150 mm	Each	1	3650.00	3650.00
17(a)	Providing and fixing wash basin with C.I. brackets, 15 mm C.P. brass pillar taps, 32 mm C.P. brass waste of standard pattern, including painting of fittings and brackets, cutting and making good the walls wherever require: White Vitreous China Flat back wash basin size 550x 400 mm with single 15 mm C.P. brass pillar tap	Each	1	2770.00	2770.00
17(b)	Providing and fixing white vitreous china pedestal for wash basin completely recessed at the back for the reception of pipes and fittings.	Each	1	1485.00	1485.00
18)	Providing and fixing C.P. brass bib cock of approved quality conforming to IS:8931 : 15 mm nominal bore	Each	1	1200.00	1200.00
19)	Providing and fixing C.P. brass angle valve for basin mixer and geyser points of approved quality conforming to IS:8931 15mm nominal bore	Each	1	725.00	725.00
20(a)	Providing and fixing C.P. brass long nose bib cock of approved quality conforming to IS standards and weighing not less than 810 gms. 15 mm nominal bore (Jaquar/Hydra /Jal /Grohe)	Each	3	1400.00	4200.00
20(b)	Providing and fixing C.P. brass hex nipple for extending long nose bib cock by more than 100mmm of approved quality conforming to IS standards 15 mm nominal bore	Each	3	224.00	672.00
21)	Providing and fixing C.P. Brass extension nipple (size 15mmx50mm) of approved make and quality as per direction of Engineer-in-charge. each	Each	1	264.00	264.00
22)	Providing and fixing wall mounted Stainless Steel Soap Dish Holder Rack with Frosted Glass Plate Box Case of approved make and quality as per direction of Engineer-in-charge.	Each	2	750.00	1500.00



23)	Providing and fixing Stainless Steel Round Style Wall-Mounted Towel Ring Holder Hanger of approved make and quality as per direction of Engineer-in-charge	Each	2	1000.00	2000.00
24)	Providing and fixing of waste coupling of 32mm half thread Jaquar ALD 709/Hydra/Grohe or equivalent	Each	2	750.00	1500.00
25)	Providing and fixing of powder coated Anodised aluminum sliding or/ side hung door partially glazed with Novopan/bison pre laminated particle board fillings using Jindal medium sections for frames, doors of size 100 x 210 cm nearest size using with 44.45 x 47.62 mm on vertical section weighing not less than 1.052 Kg/m. The door top of size 47.62 x 44.45 mm weighing not less than the 0.976 Kg /m. The door center of size 44.45 x 95.25 mm weighing not less than 1.301 Kg /m including 2 or 5 lever mortise locks using stainless steel butt hinges or sliding or pivoted mechanism and 1 No. 150 x 10 mm tower bolts etc and and fixing 230mm wide sintex/poly pan for partition 7 mm thick one side laminated and in lieu of panels using 5 mm thick frosted glass (Modiguard/Saint Gobain)instead of Novopan/bison pre laminated particle board where ever required including fixing of handles etc complete.	Sqmt	1.75	5000.00	8750.00
26)	ANODISED ALUMINIUM FITTINGS (ALL FITTINGS SHALL BE ISI MARKED)				
26(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	485.00	970.00
26(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	6	134.00	804.00
26(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	77.00	308.00
26(d)	Providing and fixing aluminium die cast body tubular type universal hydraulic door closer (having brand logo with ISI, IS : 3564, embossed on the body, door weight upto 35 kg and door width upto 700 mm), with necessary accessories and screws etc. complete. each	Each	1	490.00	490.00
27)	Providing and fixing mirror of superior glass (of approved quality) and of required shape and size with plastic moulded frame of approved make and shade with 6 mm thick hard board backing Oval shape 450x350 mm (outer dimensions) each	Each	2	1230.00	2460.00
Grand Total Rs.					1,41,100.00

(Rupees One lakhs forty one thousand one hundred only)

