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

Date :25.01.2018

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

Sub : Work Repair and maintenance of Type IV/7 Residential quarters at Hill Block Campus of this Institute at CPCRI, Kasaragod  
Ref : Your quotation dated 23.01.2018

Sir,

Your quotation cited above to execute the work "Repair and maintenance of Type IV/7 Residential quarters at Hill Block Campus at CPCRI, Kasaragod at a total cost of Rs.1,68,686/- (Rupees One Lakh Sixty Eight Thousand Six Hundred and Eighty Six 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 V.K Gopalkrishnan, 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.

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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 spoil/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 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.
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.16,870/- (Rupees Sixteen Thousand Eight Hundred and Seventy 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

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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 V K Gopalakrishnan, 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

Assistant Administrative Officer (Estate)/c



भाकृअनुप - कन्द्राय रोपण फसल अनुसंधान संस्थान  
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F.No. 40(3)/2017-Estate

Dated :- 25.01.2018

NAME OF WORK:- Maintenance and Repairs of Type IV/7 Residential quarters at CPCRI Kasaragod

Schedule of Work

Sl.no:	Description of item	Unit	Quantity	Rate	Amount
<b><u>DISMANTLING&amp;DEMOLISHING</u></b>					
1	Dismantling existing old mosaic sirting with hand drilling machine including breaking out joints and cleaning the surface for plaster including disposal of rubbish to the dumping ground with in 50 metres lead.	sqm	19	50.00	950.00
2	Dismantling stone slab flooring laid in cement mortar including stacking of serviceable material and disposal of unserviceable material within 50 metres lead.	sqm	1.56	100.00	156.00
3	Dismantling of existing G.I/PVC Pipes of water supply lines of all diameters including fixtures and clamps as per direction of Engineer In charge .	metre	14	80.00	1120.00
4	Dismantling of EWC along with flushing cistern of all types (C.I./PVC/Vitrious China) including stacking of useful materials near the site and disposal of unserviceable materials within 50 metres lead.	Each	1	500.00	500.00
5	Dismantling existing wash basin /kitchen sink with fixtures as directed by Engineer -in charge	Each	2	100.00	200.00

**FLOORING**

6	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, including pointing in white cement mixed with pigment of matching shade complete.	sqm	23	1400.00	32200.00
7	Providing and laying Ceramic glassed/ anti skid mat finished floor tiles of size 300x300 mm (thickness to be specified by the manufacturer) of 1st quality conforming to IS : 15622 of approved make in colours such as White, Ivory, Grey, Fume Red Brown, laid on 20 mm thick cement mortar 1:4 (1 Cement : 4 Coarse sand), jointing with grey cement slurry @ 3.3kg/sqm including pointing the joints with white cement and matching pigment etc., complete.	sqm	12	1400.00	16800.00
8	Providing and fixing 18 mm thick gang saw cut, mirror polished, premoulded and prepolished, machine cut for kitchen platforms, vanity counters, window sills, facias and similar locations of required size, approved shade, colour and texture laid over 20 mm thick base cement mortar 1:4 (1 cement : 4 coarse sand), joints treated with white cement, mixed with matching pigment, epoxy touch ups, including rubbing, curing, moulding and polishing to edges to give high gloss finish etc. complete at all levels. Granite of any colour and shade Area of slab over 0.50 sqm	sqm	2	1700.00	3400.00
9	Extra for fixing marble /granite stone, over and above corresponding basic item, in facia and drops of width upto 150 mm with epoxy resin based adhesive, including cleaning etc. complete.	metre	3	100.00	300.00

**SANITARY AND WATER SUPPLY INSTLATION**

10	Providing and fixing wash basin with C.I. brackets, 15 mm C.P. brass pillar taps, 32 mm C.P. brass waste coupling 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 550x400 mm with single 15 mm C.P. brass pillar tap	Each	1	4000.00	4000.00
11	Providing and fixing Stainless Steel A ISi 304 (18/8) kitchen sink as per IS: 13983 with C.I. brackets and stainless steel plug 40 mm, including painting of fittings and brackets, cutting and making good the walls wherever required . Kitchen sink without drain board 610x460 mm bowl depth 200 mm	Each	1	5500.00	5500.00
12	Providing and fixing P.V.C. waste pipe for sink or wash basin including P.V.C. waste fittings complete. Flexible pipe 32 mm dia	Each	2	100.00	200.00
13	Providing and fixing 32 mm C.P. brass waste coupling of standard pattern for kitchen sink	Each	1	800.00	800.00
14	Providing & fixing White vitreous china water closet squatting pan (Indian type) along with "S" or "P" trap including dismantling of old WC seat and "S" or "P" trap at site complete with all operations including all necessary materials, labour and disposal of dismantled material i/c malba, all complete as per the direction of Engineer-in charge. White Vitreous china Orissa pattern W.C. pan of size 580x440 mm with integral type foot rests	Each	1	4000.00	4000.00
15	Providing and fixing white vitreous china pedestal type water closet (European type W.C. pan) with seat and lid, 10 litre low level white P.V.C. flushing cistern, including flush pipe, with manually controlled device (handle lever), conforming to IS : 7231, with all fittings and fixtures complete, including cutting and making good the walls and floors wherever required : W.C. pan with ISI marked white solid plastic seat and lid	Each	1	5000.00	5000.00

16	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 25 mm nominal outer dia Pipes	metre	8	500.00	4000.00
17	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, i/c fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer in Charge. Concealed work, including cutting chases and making good the walls etc. 20 mm nominal outer dia Pipes	metre	16	400.00	6400.00
18	Providing and fixing C.P. brass bib cock of approved quality conforming to IS:8931 : 15 mm nominal bore	Each	3	1400.00	4200.00
19	Providing and fixing C.P. brass stop cock (concealed) of standard design and of approved make conforming to IS:8931. 15 mm nominal bore	Each	2	800.00	1600.00
20	Providing and fixing C.P. brass long body bib cock of approved quality conforming to IS standards and weighing not less than 690 gms. 15 mm nominal bore	Each	1	1400.00	1400.00
21	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	5	500.00	2500.00
22	Providing and fixing CP Brass 32mm flush valve handle lever type including flush pipe with manually controlled device , with all fitting , fixtures including cutting and making good the wall and floors and connecting pipes to W.C pan etc complete	Each	1	2500.00	2500.00
23	Providing and fixing CP Brass <b>Hand shower (Health faucet)</b> with 8 mm dia 1mt long flexible tube and wall hook. 15 mm nominal bore	Each	1	1000.00	1000.00

24	Providing and fixing C.P. brass shower rose with 15 or 20 mm inlet :100 mm diameter	Each	1	1200.00	1200.00
25	Providing and fixing stainless circular towel rings fixed to the wall with c,p brass bracket and necessary bracket as directed by the engineer in charge	Each	1	850.00	850.00
26	Providing and fixing 600x450 mm beveled edge mirror of superior glass (of approved quality) complete with 6 mm thick hard board ground fixed to wooden cleats with C.P. brass screws and washerscomplete.	Each	1	1000.00	1000.00
27	Providing and fixing stainless steel grating of approved quality and colour rectangular type with openable circular lied 150 mm nominal size square 100 mm diameter of the inner hinged round grating	Each	3	700.00	2100.00
28	Providing and fixing stainless steel Soap Dish 200X100 mm size with necessary screws as directed by the Engineer in charge	Each	1	700.00	700.00
29	Providing and fixing cp brass towel rail complete with brackets fixed to wooden cleats with CP brass screws with concealed fittings arrangement of approved quality and colour. 600 mm long towel rail with total length of 645 mm, width 78 mm and effective height of 88 mm, weighing not less than 190 gms.	Each	1	1000.00	1000.00
<b>REPAIRS TO BUILDINGS</b>					
30	Providing and laying cement concrete in retaining walls, return walls, walls (any thickness) including attached pilasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window sills, fillets, sunken floor etc., up to floor five level, excluding the cost of entering, shuttering and finishing : 1:5:10 (1 cement : 5 coarse sand (zone-III) : 10 graded stone Aggregate 40 mm nominal size).	cum	0.25	7000.00	1750.00



31	Repairs to plaster of thickness 12mm to 20mm 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 within 50 meters lead. With cement mortar 1:4 (1 cement: 4 coarse sand).	sqm	5	500.00	2500.00
32	Distempering with 1 <sup>st</sup> quality acrylic washable distemper (ready made) of approved manufacturer and of required shade and colour complete as per manufacture specification. one or more coat on old work.	sqm	370	45.00	16,650.00
33	Painting with synthetic enamel paint of approved brand and manufacture of required colour to given an even shade. One or more coat on old work.	sqm	72	80.00	5760.00
34	Providing and fixing stain less steel <b>curtain rods</b> , with two end cap for doors and windows and openings fixed with brackets and rowel plugs, etc., wherever necessary . 25 MM Dia	metre	19	800.00	15,200.00
35	Providing and fixing two track Aluminum sliding glazed shutter for in built Rack/show case including fixing of aluminum medium section with 4MM thick float glass and Nylon rollers with lock arrangement etc as directed.	sqm	6.50	3000.00	19,500.00
36	Providing and fixing nylon mosquito proof nets of approved color and design properly fixed with Velcro strap on windows and ventilator. Works including fixing of Velcro on the existing wooden frame with necessary fixing arrangement, Stitching of net, rolling and folding arrangement. Etc complete.	sqm	3.50	500.00	1750.00
<b>Total</b>					<b>1,68,686.00</b>

Amount in words (One Lakh Sixty Eight Thousand Six Hundred and Eighty Six Only)

  
 Assistant Administrative Officer (Estate)  
 Central Plantation Crops Research Institute  
 Kasaragod - 671 124, Kerala