



भाकृअनुप - केन्द्रीय रोपण फसल अनुसंधान संस्थान
कासरगोड, केरल - 671 124 भारत
ICAR - Central Plantation Crops Research Institute
Kasaragod - 671 124, Kerala, India
AN 1803 9801 2013 Central Board of Secondary Education



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F.No.5(1)-2013 --NAIP/BPD2013-Estate

Date :20.03.2019

Shri Abdul Shereef M
Boss House,
Cherkala,
Kasaragod- 671 541.

Sub : Work "Extending the rear portion of BPD Building (Western Side) to facilitate wet processing of coconuts" at CPCRI, Kasargod- reg
Ref : Your quotation dated 09.03.2019

Sir,

Your quotation cited above to execute the work "**Extension the rear portion of BPD Building (Western Side) to facilitate wet processing of coconuts**" at CPCRI, Kasargod" at a total cost of Rs. 359180/- (Rupees **Three lakhs fifty nine thousand one hundred and eighty 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 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

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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 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 30 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. 35920/- (Rupees Thirty five thousand nine hundred and twenty 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. 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 under ABI/NAIF Project 2018-19.**
3. The AAO(Bills), CPCRI, Kasaragod.
4. Shri Ajith Kumar, 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


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



Name of the work: - Extending the rear portion of BPD Building (Western Side) to facilitate wet processing of coconuts at CPCRI Kasaragod

Schedule of work


Sl No.	Description of the work	Approx. Qty.	Unit	Basic rate	GST @12%	Total Amount without GST	Total amount with all tax.
1.	Earth work in excavation by mechanical means (Hydraulic excavator) /manual means in foundation trenches or drains (not exceeding 1.5 m in width) width or 10 sqm on plan), including dressing of sides and ramming of bottoms, lift upto 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m. All kinds of soil.	22.000	Cu.mt	267.85	707.1240	5892.70	6599.82
2.	<u>CEMENT CONCRETE (CAST IN SITU)</u> Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level 1:3:6 (1 Cement : 3 coarse sand (zone-III): 6 graded stone aggregate 20 mm nominal size).	1.150	Cu.mt	7142.85	985.7136	8214.28	9199.99
3.	Providing and constructing laterite stone masonry in C.M 1:5 (1 cement: 5 coarse sand) using hard dressed laterite stones of standard size (35x21x20 cms for sidewalls. The rate shall include dressing, transportation, cost and conveyance of all materials, scaffolding, labour, curing etc., complete, etc complete, as directed by the Engineer in charge	13.250	Cu.mt	4821.42	7666.0584	63883.82	71549.88
4.	<u>Earth filling</u> Earth filling the basement, foundation and sides with available excavated earth in layers of 23 cms using clean approved earth free from debris, ramming by watering in layers. Lead upto 50mts and lift upto 1.50mts. The rate shall include cost and conveyance of all materials, labour, watering etc complete as directed	34.000	Cu.mt	535.71	2185.6968	18214.14	20399.84
5 (a)	<u>PRE-CAST RCC</u> Providing, hoisting and fixing above plinth level up to floor five level precast reinforced cement concrete work in string courses, bands, copings, bed plates, anchor blocks, plain window sills and the like, including the cost of required centering, shuttering but, excluding cost of reinforcement, with 1:1.5:3 (1 cement : 1.5 coarse sand (zone-III) : 3 graded stone aggregate 20 mm nominal size).	0.300	Cu.mt	7142.85	257.1432	2142.86	2400.00

5(b)	Providing and fabricating steel reinforcement including straightening, cutting, bending, hooking, lapping wherever necessary placing in position, tying with binding wire including anchoring to the adjoining member wherever necessary as per design, drawing and specification. The rate shall include cost and conveyance of all materials transportation, cost of steel, fabrication etc complete as directed. above plinth level.	18.000	Kgs	80.35	173.5560	1446.30	1619.86
<u>6</u> <u>(a)</u>	Structural Steel Providing and fixing Steel work in built up tubular (round, square or rectangular hollow tubes etc) GI Rectangular hollow sections (RHS) of size, 120mm x 60mm x 4mm @10.50Kg/m as columns 100mm x 50mm x 3mm @6.60kg/m as Rafters 60mm x 40mm x 2.50mm @3.60Kg/m as Purlins One side of Rectangular hollow sections column shall erected by means of concrete embedded over foundation , Rafters and Purlins welded to the existing sections as directed. 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.	556.000	Kgs	125.00	8340.0000	69500.00	77840.00
6(b)	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	15.000	Kgs	125.00	225.0000	1875.00	2100.00
<u>7)</u>	Roofing Providing and fixing pre-coated galvanized 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 120grams 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 Engineer-in-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.	73.000	Sq.mt	669.64	5866.0464	48883.72	54749.77
8)	Cutting the wall below Aluminum window sill to a size of 1.50 x 0.80 , and 2 x 0.23 x 0.10 to introduce Rcc precast Lintel , sides finished and plastered in CM1:3 . curing etc as directed	1.000	Lump sum	3571.42	428.5704	3571.42	3999.99
9)	Providing and supplying precast RCC Lintel of size 2.00 x0.23 x 0.10 . in C.C 1: 1 1/2 :3 mix using 12mm and downsize jelly , clean sieved approved sand and stee comprising of 4nos of 8mm bar as main and rings of 6mm .13 nos tied using binding wire .The rate shall include cost and conveyance of all materials	1.000	Unit	3571.42	428.5704	3571.42	3999.99

	transportation, cost of steel, fabrication etc complete and fixing into position underneath the Aluminium window as directed.						
10)	CEMENT PLASTER (IN COARSE SAND) 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 12 mm cement plaster 1:4 (1 cement: 4 coarse sand)	73.000	Sq.mt	200.89	1759.7964	14664.97	16424.77
11)	Providing and fixing metallic double shutter window using 40mm x 40mm x 4mm MS angle outer frame fixed to wall opening, double shutter using 30mm x 30mm x 3mm outer frames and 16 guage metal sheet welded to it, fixed to outer frame by using 2 nos of MS hinges on either sides, fixtures like 2nos of barrel type tower bolts 15cms long (inner side), 4 nos of door handles 15 cms size, 23cms long aldrop fixed to the outer side, applying one coat of Epoxy metal primer after cleaning the surface of dirt and dust as directed Double shutter door, 1 x 1.50 x 0.60 = 0.90Sqmt	0.900	Sq.mt	2232.14	241.0716	2008.93	2250.00
12)	Finishing walls with Acrylic Smooth exterior paint of required shade: The work shall include cleaning the surface of dirt/dust and foreign matter, sand papering, dent filling with plaster of paris /crack filler, 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 coat applied @ 0.90 ltr/10 sqm).	195.000	Sq.mt	89.28	2089.1520	17409.60	19498.75
13)	Finishing walls with Acrylic Smooth exterior paint 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. New work (Two or more coat applied @ 1.67 ltr/10 sqm over and including priming coat of exterior primer applied @ 2.20 kg/10 sqm) Area same as plastering 73.00Sqmt	73.000	Sq.mt	98.21	860.3196	7169.33	8029.65
14)	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	78.000	Sq.mt	89.28	835.6608	6963.84	7799.50
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 Epoxy primer applied @ 0.80 ltr/ 10 sqmt 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	36.000	Sq.mt	107.14	462.8448	3857.04	4319.88

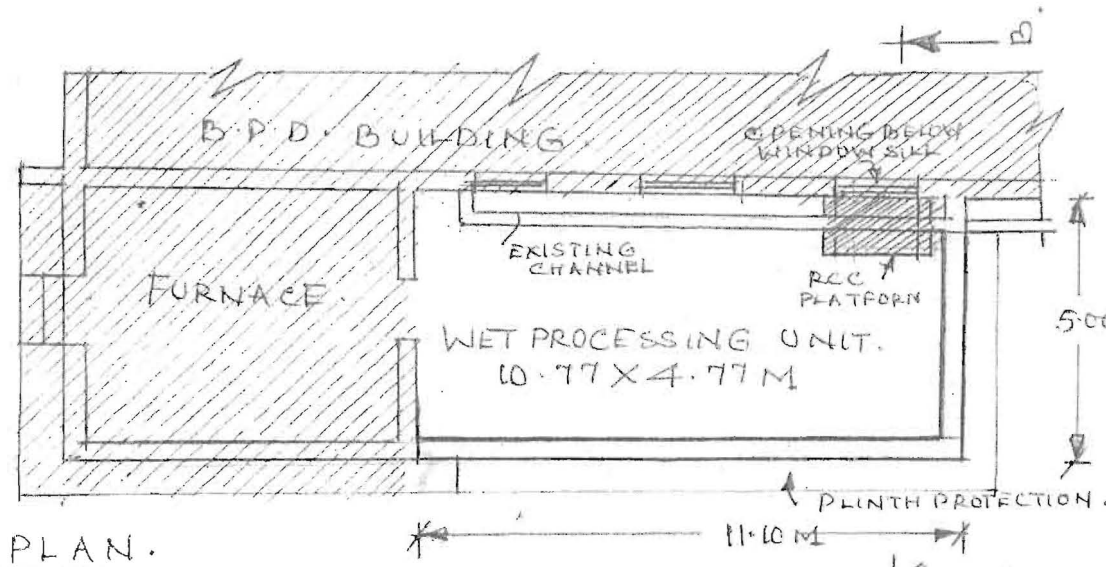
16)	Charges towards servicing the rolling shutter of BPD unit building , including greasing the guides and coil spring	2.000	Nos	892.25	214.1400	1784.50	1998.64
17)	Bed concrete base for flooring Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level 1:3:6 (1 Cement : 3 coarse sand (zone-III): 6 graded stone aggregate 20 mm nominal size).	2.250	Cu.mt	7142.85	1928.5692	16071.41	17999.98
18)	Cement concrete flooring 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate) finished with a floating coat of neat cement, including cement slurry, but excluding the cost of nosing of steps etc. complete. 40 mm thick with 20 mm nominal size stone aggregate	45.000	Sq.mt	357.14	1928.5560	16071.30	17999.86
19)	Cement plaster skirting up to 30 cm height, with cement mortar 1:3 (1cement : 3 coarse sand), finished with a floating coat of neat cement. 18 mm thick	36.000	R.mt	89.28	385.6896	3214.08	3599.77
20)	Making plinth protection 50mm thick of cement concrete 1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 20 mm nominal size) over 75mm thick bed of dry brick ballast 40 mm nominal size, well rammed and consolidated and grouted with fine sand, including necessary excavation, levelling & dressing & finishing the top smooth.	12.000	Sq.mt	357.14	514.2816	4285.68	4799.96
Total						320696.34	359179.90

Amount in words Rupees Three lakh fifty nine thousand one hundred and eighty only

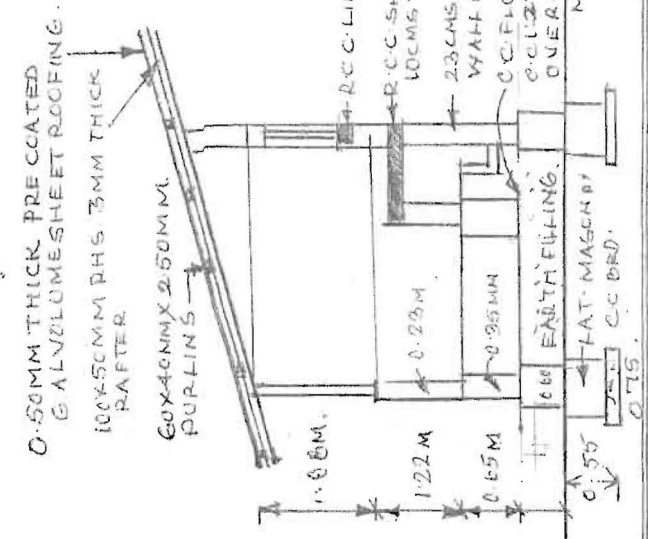

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Extending the rear portion of BPD Building (Western side) to facilitate wet processing of coconuts at C.P.C.R.I., KASARAGOD 671124

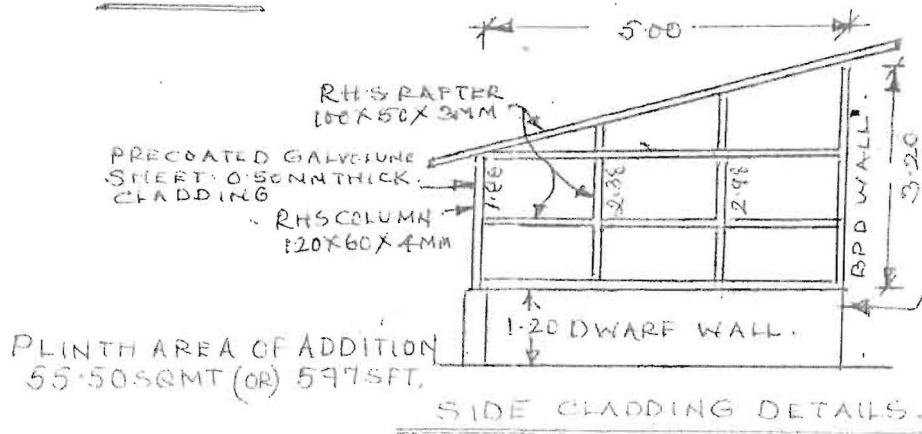
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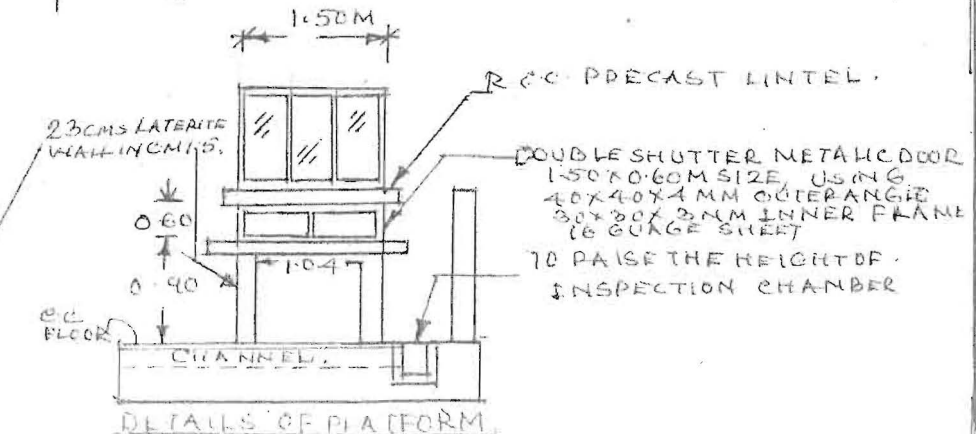
PLAN.



CROSS SECTION A-B.



SIDE CLADDING DETAILS.



DETAILS OF PLATFORM.