



OIL AND NATURAL GAS CORPORATION LIMITED
CAUVERY ASSET – KARAIKAL
Office of the I/C (Civil), Neravy Complex, Karaikal- 609604

No.ONG/KKL/CA/ES/GM(C)/T(VC1CC24016)/2024-25/NOA/SSSC

Date:04.11.2024

To,

SRI SIVA SAKTHI CONSTRUCTION,
197, Thoppu theru, Marungur (Po),
Eravancherry,
Nagapattinam – 609 702.
Mob: 89731 73484
E-mail: balukala2003@gmail.com

NOTIFICATION OF AWARD (NOA)

NAME OF WORK: "Civil works for shifting of loading bay from Madanam EPT to new location at old DSA including pipeline laying works at Madanam area, Mayiladuthurai district".

Dear Sir,

Your tender for the above mentioned work has been accepted on behalf of the Oil and Natural Gas Corporation Limited at your quoted offer of **Rs.1,40,55,834.87 (Rupees One crore forty lakhs fifty five thousand eight hundred thirty four and paise eighty seven only)** which is (-)14.59% below the estimated cost of Rs.1,64,56,896.00.

You are requested to submit the Performance Guarantee in the form of NEFT / RTGS / Electronic fund transfer / Electronic Bank Guarantee / SFMS Bank Guarantee for the sum of **Rs.14,05,584.00 (Rupees Fourteen lakhs five thousand five hundred eighty four only)** in the prescribed proforma vide Appendix- 1 of bid document from any Nationalized / Scheduled Bank which is valid up to 30.06.2026.

You may kindly confirm within 03 days of issue of the NOA that SD/PBG shall be submitted within 15 days from the date of NOA and also execute an agreement on non-judicial stamped paper worth Rs. 100/- (Rupees One Hundred only) as per standard Performa, which shall be signed within 15 days from receipt of an acceptable SD or PBG.

You are requested to obtain a PF Code number from the respective PF Commissioner (if not yet obtained, so far) and to submit proof of the same before submitting your bill.

You are requested to start the work immediately. However, the time Limit of **04 (Four) Months** shall be reckoned from the 15th day of this NOA or the handing over of the site, whichever is later.

4/11/24
GM (C)
For and on behalf of ONGC.
K. Ganesan
GM (Civil)

Note: The Nomenclatures, quantities, units and rates of the items provided in the original tender shall be considered for all purposes, in case of any dispute on account of Typographical error etc.

N.o.o.

Copy to:-

1. CGM – HES
2. CGM – SM
3. GM (F&A), Neravy -----do----- (PR. No. 2090060998)
4. GM (Civil) – LM (Works); I/c – Civil - for kind information pls.
5. GM (C) – Project Manager - With a request:
To inform LEO through Form – VI-B for commencement & completion of the work.
To ensure the submission of proof of EPF Code by the Agency before processing his bill
6. Agreement Copy
7. Tender Cell.
8. File.

Encl: Schedule-B

Schedule-B

A: CIVIL PART

It.no	Description of item	Quantity	Unit	Rate	Amount
1	Earth work in excavation by mechanical means (Hydraulic excavator)/manual means over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 sqm on plan) including getting out and disposal of excavated earth lead upto 50 m and lift upto 1.5 m, as directed by Engineer-in-charge. All kinds of soil	229.00	cum	203.76	46661.04
2	Boring, providing and installation bored cast-in-situ reinforced cement concrete piles of grade M-25 of specified diameter and length below the pile cap, to carry a safe working load not less than specified, excluding the cost of steel reinforcement but including the cost of boring with bentonite solution and temporary casing of appropriate length for setting out and removal of same and the length of the pile to be embedded in the pile cap etc. by percussion drilling using Direct mud circulation (DMC) or Bailer and chisel technique by tripod and mechanical Winch Machine all complete, including removal of excavated earth with all its lifts and leads (length of pile for payment shall be measured up to bottom of pile cap). Note: Truck Mounted rotary/TMR/Tubewell boring machine shall not be used . 450 mm dia piles metre	398.00	Rmt	1900.59	756434.82
3	Supplying and filling in plinth with sand under floors, including watering, ramming, consolidating and dressing complete.	64.00	cum	2143.38	137176.32
4	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level :1:4:8 (1 Cement : 4 coarse sand (zone-III) : 8 graded stone aggregate 40 mm nominal size)	63.00	cum	6273.88	395254.44
5	Centering and shuttering including strutting, propping etc. and removal of form for : Lintels, beams, plinth beams, girders, bressumers and cantilevers	92.00	Sqm	603.33	55506.36
6	Centering and shuttering including strutting, propping etc. and removal of form work for : Columns, piers, abutments, pillars, posts and struts	137.00	Sqm	797.62	109273.94
7	Reinforcement for R C C work including straightening, cutting, bending, placing in position and binding all complete. Thermo-Mechanically Treated bars of grade Fe 500D or more	16383.00	Kg	88.91	1456612.53


K. Ganesh
GM (Civil)
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It.no	Description of item	Quantity	Unit	Rate	Amount
8	Centering and shuttering including strutting, propping etc. and removal of form for Suspended floors, roofs, landings, balconies and access platform	65.00	Sqm	760.23	49414.95
9	Providing and laying in position specified grade of reinforced cement concrete, excluding the cost of centering, shuttering, finishing and reinforcement - All work up to plinth level : 1:1.5:3 (1 cement : 1.5 coarse sand (zone-III) : 3 graded stone aggregate 20 mm nominal size)	170.00	cum	8295.22	1410187.40
10	Reinforced cement concrete work in walls (any thickness), including attached pilasters, buttresses, plinth and string courses, fillets, columns, pillars, piers, abutments, posts and struts etc. above plinth level up to floor five level, excluding cost of centering, shuttering, finishing and reinforcement : 1:1.5:3 (1 cement : 1.5 coarse sand(zone-III) : 3 graded stone aggregate 20 mm nominal size)	26.00	cum	10101.05	262627.30
11	Reinforced cement concrete work in beams, suspended floors, roofs having slope up to 15° landings, balconies, shelves, chajjas, lintels, bands, plain window sills, staircases and spiral stair cases above plinth level up to floor five level, excluding the cost of centering, shuttering, finishing and reinforcement with 1:1.5:3 (1 cement : 1.5 coarse sand(zone-III) : 3 graded stone aggregate 20 mm nominal size).	58.00	cum	10630.89	616591.62
12	Brick Work with Country Bricks (compressive strength not less than 35 Kg/cm ²) in foundation and plinth in Cement Mortar 1 :6 (1 Cement : 6 Coarse sand).	11.00	cum	5288.99	58178.89
13	Brick Work with Country Bricks (compressive strength not less than 35 Kg/cm ²) in Superstructure above plinth level upto Floor five level in Cement Mortar 1 :6 (1 Cement : 6 Coarse sand). (including curing complete):	64.00	cum	6580.31	421139.84
14	12 mm Cement Plaster of Cement Mortar 1:6 (1 cement: 6 coarse sand)	341.00	Sqm	291.92	99544.72
15	15 mm cement plaster on the rough side of single or half brick wall of mix : 1:6 (1 cement: 6 fine sand)	444.00	Sqm	321.63	142803.72
16	Providing and laying vitrified floor tiles in different sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS: 15622, of approved make, in all colours and shades, laid on 20mm thick cement mortar 1:4 (1 cement : 4 coarse sand), jointing with grey cement slurry @ 3.3 kg/ sqm including grouting the joints with white cement and matching pigments etc., complete. Size of Tile 600x600 mm	29.00	Sqm	1404.97	40744.13

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K. Ganesh
GM (Civil)

It.no	Description of item	Quantity	Unit	Rate	Amount
17	Providing and laying Vitrified tiles in different sizes (thickness to be specified by manufacturer), with water absorption less than 0.08 % and conforming to I.S. 15622, of approved make, in all colours & shade, inskirting, riser of steps, over 12 mm thick bed of cement mortar 1:3 (1 cement: 3 coarse sand), jointing with grey cement slurry @ 3.3 kg/ sqm including grouting the joint with white cement & matching pigments etc. complete. Size of Tile 600x600 mm	32.00	Sqm	1454.41	46541.12
18	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. Area of slab upto 0.50 sqm	3.00	Sqm	4640.76	13922.28
19	Providing and laying factory made chamfered edge Cement Concrete paver blocks in footpath, parks, lawns, drive ways or light traffic parking etc, of required strength, thickness & size/ shape, made by table vibratory method using PU mould, laid in required colour & pattern over 50mm thick compacted bed of sand, compacting and proper embedding/laying of inter locking paver blocks into the sand bedding layer through vibratory compaction by using plate vibrator, filling the joints with sand and cutting of paver blocks as per required size and pattern, finishing and sweeping extra sand. complete all as per direction of Engineer-in-Charge. 80 mm thick C.C. paver block of M-30 grade with approved color design and pattern.	10.00	Sqm	1002.86	10028.60
20	Finishing walls with Acrylic Smooth exterior paint of required shade : 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)	145.00	Sqm	165.47	23993.15
21	Providing and applying plaster of paris putty of 2 mm thickness over plastered surface to prepare the surface even and smooth complete.	116.00	Sqm	212.53	24653.48
22	Applying one coat of water thinnable cement primer of approved brand and manufacture on wall surface : Water thinnable cement primer	116.00	Sqm	63.92	7414.72
23	Wall painting with acrylic emulsion paint of approved brand and manufacture to give an even shade : Two or more coats on new work	116.00	Sqm	136.71	15858.36

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K. Ganesh
GM (Civil)

It.no	Description of item	Quantity	Unit	Rate	Amount
24	Providing and fixing factory made uPVC white colour casement/ Casement cum fixed glazed door comprising of uPVC multi-chambered frame, sash and mullion (where ever required) extruded profiles duly reinforced with 1.60 ± 0.2 mm thick galvanized mild steel section made from roll forming process of required length (shape & size according to uPVC profile), uPVC extruded glazing beads of appropriate dimension, EPDM gasket, zinc alloy (white powder coated) 3D hinges and one handle on each side of panels along with zinc plated mild steel multi point lockin having transmission gear, cylinder with keeps and one side key, G.I fasteners 100 x 8 mm size for fixing frame to finished wall and necessary stainless steel screws, etc. Profile of frame & sash shall be mitred cut and fusion welded at all corners, mullion (if required) shall be also fusion welded including drilling of holes for fixing hardware's and drainage of water etc. After fixing frame the gap between frame and adjacent finished wall shall be filled with weather proof silicon sealent over backer rod of required size and of approved quality, all complete as per approved drawing & direction of Engineer-in-Charge. (Single / double glass panes and silicon sealent shall be paid separately). Variation in profile dimension in higher side shall be accepted but no extra payment on this account shall be made. Note: For uPVC frame, sash and mullion extruded profiles minus 5% tolerance in dimension i.e. in depth & width of profile shall be acceptable. Casement door with 3D hinges made of (big series) frame 67 x 64 mm & sash 67 x 110 mm both having wall thickness of 2.3 ± 0.2 mm and single glazing bead / double glazing bead of appropriate dimension. (Area of door upto 2.00 sqm).	4.00	Sqm	10199.88	40799.52

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K. Ganesh
GM (Civil)

It.no	Description of item	Quantity	Unit	Rate	Amount
25	Providing and fixing factory made uPVC white colour casement/casement cum fixed glazed windows comprising of uPVC multi-chambered frame, sash and mullion (where ever required) extruded profiles duly reinforced with 1.60 ± 0.2 mm thick galvanized mild steel section made from roll forming process of required length (shape & size according to uPVC profile), uPVC extruded glazing beads of appropriate dimension, EPDM gasket, stainless steel (SS 304 grade) friction hinges, zinc alloy (white powder coated) casement handles, G.I fasteners 100 x 8 mm size for fixing frame to finished wall, plastic packers, plastic caps and necessary stainless steel screws etc. Profile of frame & sash shall be mitred cut and fusion welded at all corners, mullion (if required) shall be also fusion welded including drilling of holes for fixing hardware's and drainage of water etc. After fixing frame the gap between frame and adjacent finished wall shall be filled with weather proof silicon sealant over backer rod of required size and of approved quality, all complete as per approved drawing & direction of Engineer-in-Charge. (Single / double glass panes and silicon sealant shall be paid separately). Variation in profile dimension in higher side shall be accepted but no extra payment on this account shall be made. Note: For uPVC frame, sash and mullion extruded profiles minus 5% tolerance in dimension i.e. in depth & width of profile shall be acceptable. Casement window double panels with S.S. friction hinges (300 x 19 x 1.9 mm) made of (small series) frame 47 x 50 mm, sash 47 x 68 mm & mullion 47 x 68 mm all having wall thickness of 1.9 ± 0.2 mm and single glazing bead of appropriate dimension. (Area of window above 0.75 sqm upto 1.50 sqm).	7.00	Sqm	9555.93	66891.51

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GM (Civil)

It.no	Description of item	Quantity	Unit	Rate	Amount
26	Providing and fixing factory made uPVC white colour fixed glazed windows/ ventilators comprising of uPVC multi-chambered frame and mullion (where ever required) extruded profiles duly reinforced with 1.60 ± 0.2 mm thick galvanized mild steel section made from roll forming process of required length (shape & size according to uPVC profile), , uPVC extruded glazing beads of appropriate dimension, EPDM gasket, G.I fasteners 100 x 8 mm size for fixing frame to finished wall, plastic packers, plastic caps and necessary stainless steel screws etc. Profile of frame shall be mitred cut and fusion welded at all corners, mullion (if required) shall be also fusion welded including drilling of holes for fixing hardware's and drainage of water etc. After fixing frame the gap between frame and adjacent finished wall shall be filled with weather proof silicon sealant over backer rod of required size and of approved quality, all complete as per approved drawing & direction of Engineer-in-Charge. (Single / double glass panes and silicon sealant shall be paid separately). Variation in profile dimension in higher side shall be accepted but no extra payment on this account shall be made. Note: For uPVC frame, sash and mullion extruded profiles minus 5% tolerance in dimension i.e. in depth & width of profile shall be acceptable. Fixed window / ventilator made of (small series) frame 47 x 50 mm & mullion 47 x 68 mm both having wall thickness of 1.9 ± 0.2 mm and single glazing bead of appropriate dimension. (Area upto 0.75 sqm.)	0.50	Sqm	7190.11	3595.06
27	Providing and fixing factory made door frame (single rebate) made out of single piece extruded solid PVC foam profile with homogenous fine cellular structure having smooth outer integral skin having 62 mm width & 32 mm thickness, frame will be mitred & Jointed with self driven self tapping screws of size 38 mm x 4 mm & PVC solvent cement, including fixing the frame to wall with suitable dia & length anchor fastener as per manufacturer's specification and direction of Engineer-in-charge.	10.00	Rmt	477.88	4778.80


 K. Ganesh
 GM (Civil)

It.no	Description of item	Quantity	Unit	Rate	Amount
28	Providing and fixing factory made 30 mm thick door shutter made of solid PVC foam profile. The styles & rails shall be of size 75 mm x 30 mm having wall thickness 5 mm. The styles, top & bottom rails shall have one side wall thickness of 15 mm integrally extruded on the hinge side of the profile for better screw holding power. The styles and rails shall be reinforced with M.S. tubes of size 33 mm x 17 mm x 1 mm, painted with primer, all four corners of reinforcement to be welded or sealed. Solid PVC extruded bidding (push fit type) will be set inside the styles and the rails with a cavity, to receive single piece extruded 5mm PVC sheet as panel. The styles and rails will be mitred cut and joint with the help of PVC solvent cement & self driven self tapping screws. Single piece extruded solid PVC lock rail of size 100 mm x 30 mm with wall thickness 5 mm & 15 mm integrally extruded in the middle of the lock rail & fixed with styles with the help of PVC solvent cement & self driven self tapping screws of size 100mm x 8 mm complete as per manufacturer's specifications and direction of Engineer-in-charge. Decorative finish (both side wood grained finish)	3.00	Sqm	3168.05	9504.15
29	Providing and fixing M.S. grills of required pattern in frames of windows etc. with M.S. flats, square or round bars etc. including priming coat with approved steel primer all complete. Fixed to openings / wooden frames with rawl plugs screws etc.	86.00	kg	196.07	16862.02
30	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade : Two or more coats on new work	155.00	Sqm	130.37	20207.35
31	Providing and fixing in position vertical venetian blinds with fabric of approved brand, colour, pattern. The top head rail shall be of good quality aluminium alloy and assembled with best quality of control units like slat travellers, slat spacer linkse, tilt control, chain, cord, shaft etc. for trouble free and easy operation. The fabric shall be suspended from top head rail and mounted with bottom weight to ensure tensioned straightness of the fabric slats complete all as per manufacturers specification. The rate includes the cost of material and labour for fixing in postion as directed by Engineer-in-charge. Fabric of 40% polyester and 60% cotton with top rail of size 40x25mm made from powder coated aluminium extruded section and bottom weight made from mild steel.	11.00	Sqm	991.75	10909.25
32	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	4.00	each	103.54	414.16

4/14/24
K. Ganesh
GM (Civil)

It.no	Description of item	Quantity	Unit	Rate	Amount
33	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 : 150x10 mm	4.00	each	74.93	299.72
34	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 :125mm	4.00	each	59.55	238.20
35	Providing and fixing G.I. pipes complete with G.I. fittings including trenching and refilling etc External work 32 mm dia nominal bore	150.00	Rmt	453.93	68089.50
36	Providing and fixing 50 mm dia Medium quality G I pipes complete with G I fittings including trenching and refilling etc. (External work).	150.00	Rmt	648.8	97320.00
37	Providing and fixing 25 mm G.I. pipes complete with G.I. fittings including trenching and refilling etc. (External work)	50.00	Rmt	414.5	20725.00
38	Providing and fixing 25 mm nominal bore G.I. Union in G.I. pipe including cutting and threading the pipe and making long screws etc. complete (New work)	5.00	each	366.3	1831.50
39	Providing and fixing 25 mm nominal bore gun metal gate valve with C.I. wheel of approved quality (screwed end).	2.00	each	527.96	1055.92
40	Providing and fixing 50 mm nominal bore gun metal gate valve with C.I. wheel of approved quality (screwed end).	5.00	each	871.01	4355.05
41	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	2.00	each	5494.85	10989.70
42	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	2.00	each	2708.92	5417.84


 K. Ganesh
 GM (Civil)

It.no	Description of item	Quantity	Unit	Rate	Amount
43	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	2.00	each	103.49	206.98
44	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 : Rectangular shape 1500x450 mm	2.00	each	1802.21	3604.42
45	Providing and fixing toilet paper holder :Vitreous china	2.00	each	459.18	918.36
46	Providing and fixing C.P. brass bib cock of approved quality conforming to IS:8931 :15 mm nominal bore	2.00	each	430.62	861.24
47	Providing and fixing C.P. brass angle valve for basin mixer and geyser points of approved quality conforming to IS:8931 15mm nominal bore	4.00	each	496.22	1984.88
48	Providing and fixing PTMT 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.	2.00	each	595.4	1190.80
49	Making soak pit 2.5 m diameter 3.0 metre deep with 45 x 45 cm dry brick honey comb shaft with bricks and S.W. drain pipe 100 mm diameter, 1.8 m long complete as per standard design. With common burnt clay F.P.S. (non modular) bricks of class designation 7.5	1.00	each	27797.98	27797.98
50	Clearing jungle including uprooting of rank vegetation, grass, brush wood, trees and saplings of girth up to 30 cm measured at a height of 1 m above ground level and removal of rubbish up to a distance of 50 m outside the periphery of the area cleared.	448.00	Sqm	14.38	6442.24
51	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means in foundation trenches or drains (not exceeding 1.5 m in 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.	10.00	cum	284.48	2844.80


 K. Ganesh
 GM (Civil)

It.no	Description of item	Quantity	Unit	Rate	Amount
52	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.	185.00	Kg	92.28	17071.80
53	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	4396.00	Kg	141.13	620407.48
54	Finishing walls with water proofing cement paint of required shade: New work (Two or more coats applied @ 3.84 kg/10 sqm).	524.00	Sqm	96.8	50723.20
55	Providing and fixing concertina coil fencing with punched tape concertina coil 600 mm dia 10 metre openable length (total length 90 m) having 50 nos rounds per 6 metre length, upto 3 m height of wall with existing angle iron 'Y' shaped placed 2.4 m or 3.00 m apart and with 9 horizontal R.B.T. reinforced barbed wire, stud tied with G.I. staples and G.I. clips to retain horizontal including necessary bolts or G.I. barbed wire tied to angle iron all complete as per direction of Engineer-in-charge with reinforced barbed tape(R.B.T.) / Spring core (2.5mm thick) wire of high tensile strength of 165 kg/ sq.mm with tape (0.52 mm thick) and weight 43.478gm/ metre (cost of M.S. angle, C.C. blocks shall be paid separately)	64.00	Rmt	301.15	19273.60
56	18 mm thick moulded cement mortar band in two coats under layer 12 mm thick with cement mortar 1:5 (1 cement : 5 coarse sand) top layer 6 mm thick with cement mortar 1:4 (1 cement : 4 fine sand).	639.00	Sqm	17.7	11310.30
57	Surface dressing of the ground including removing vegetation and inequalities not exceeding 15 cm deep and disposal of rubbish, lead up to 50 m and lift up to 1.5 m. All kinds of soil	289.00	Sqm	27.92	8068.88
58	Centering and shuttering including strutting, propping etc. and removal of form for Foundations, footings, bases of columns, etc. for mass concrete	170.00	Sqm	305.41	51919.70
59	Dismantling steel work manually/ by mechanical means in built up sections without dismembering and stacking within 50 metres lead as per direction of Engineer-in-charge.	8770.00	Kg	3.17	27800.90
60	Extra for dismantling trusses, rafters, purlins etc. of steel work for every additional span of one metre or part thereof beyond 10 metres	26310.00	Kg	0.69	18153.90


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 GM (Civil)

It.no	Description of item	Quantity	Unit	Rate	Amount
61	Extra for dismantling trusses, rafters, purlins etc. of steel work for every additional height of one metre or part thereof beyond 5 metres.	17540.00	Kg	0.69	12102.60
62	Extra for marking of structural steel work required to be re-erected.	8770.00	Kg	3.77	33062.90
63	Labour charges for erection of structural material for roof trusses, columns, purlins, sag rods, etc., with all accessories, ridges, flusings, end caps, bolts & nuts, etc., Utmost care shall be taken for the men and materials	338.00	Sqm	487.29	164704.02
64	Dismantling roofing including ridges, hips, valleys and gutters etc., and stacking the material within 50 metres lead of: G.S. Sheet	752.00	Sqm	134.88	101429.76
65	Labour charges for fixing of old pre coated 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 Engineer-in-charge. The sheet shall be fixed using self drilling /self tapping screws of size (5.5x 55 mm) with EPDM seal or required J or C hook bolts and nuts 8mm dia G.S paint and working etc., 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.	564.00	Sqm	107.21	60466.44
66	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.	188.00	Sqm	666.01	125209.88
67	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)	28.00	Rmt	446.88	12512.64


 K. Ganesh
 GM (Civil)

It.no	Description of item	Quantity	Unit	Rate	Amount
68	Rolling with power roller of minimum 8 tonnes for banking excavated earth in layers not exceeding 20 cm in depth including watering the excavated earth for banking.	6628.00	Cum	42.25	280033.00
69	Construction of granular sub-base by providing close graded Material conforming to specifications, mixing in a mechanical mix plant at OMC, carriage of mixed material by tippers to work site, for all leads & lifts, spreading in uniform layers of specified thickness with motor grader on prepared surface and compacting with vibratory power roller to achieve the desired density, complete as per specifications and directions of Engineer-in-Charge. With material conforming to Grade-I (size range 75 mm to 0.075 mm) having CBR Value-30	607.00	cum	2636.18	1600161.26
70	Supplying and stacking at site.63 mm to 45 mm size stone aggregate (Payment to be made on nett quantity after deduction for void @ 7.50%)	405.00	cum	1611.1	652495.50
71	Supplying and stacking at site. 90 mm to 45 mm size stone aggregate (Payment to be made on nett quantity after deduction for void @ 7.50%)	473.00	cum	1921.62	908926.26
72	Collection and supply of gravel of approved quality including loading, transporting, unloading at site of work and stacking properly for measurement all as directed by EIC.	312.00	cum	624.52	194850.24
73	Laying, spreading and compacting stone aggregate of specified sizes to WBM specifications in uniform thickness, hand picking, rolling with 3 wheeled road/vibratory roller 8-10 tonne capacity in stages to proper grade and camber, applying and brooming requisite type of screening / binding material to fill up interstices of coarse aggregate, watering and compacting to the required density.	878.00	cum	858.66	753903.48
74	Clearing jungle including uprooting of rank vegetation, grass, brush wood, trees and saplings of girth up to 30 cm measured at a height of 1 m above ground level and removal of rubbish up to a distance of 50 m outside the periphery of the area cleared.	6598.00	Sqm	14.38	94879.24
75	Labour charges for laying gravel including labour charges for spreading, watering with all leads for water and consolidation by power roller of 8-10 tonnes capacity and all other T&P, cost of fuel etc., complete as directed by EIC (Mode of measurement for payment is on the basis of loose volume i.e. as per stack measurement quantity)	23.00	cum	16.71	384.33


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It.no	Description of item	Quantity	Unit	Rate	Amount
76	Providing and laying Non Pressure NP-3 class (Medium duty) R.C.C. pipes including collars/spigot jointed with stiff mixture of cement mortar in the proportion of 1:2 (1cement : 2 fine sand) including testing of joints etc. complete 600 mm dia RCC pipes.	30.00	Rmt	3026.38	90791.40
77	Centering and shuttering including strutting, propping etc. and removal of form for Walls (any thickness) including attached pilasters, buttresses, plinth and string courses etc.	307.00	Sqm	305.41	93760.87
A - Total Civil Items				Rs.	1,26,35,103.26

B: SUPPLY ITEMS FOR SHIFTING OF LOADING BAY & LAYING OF PIPELINES

It.no	Description of item	Quantity	Unit	Rate	Amount
1	SUPPLY OF FLANGES Slip-on flanges of ASA class 150 supply 100mm ND pipe	30	No.	2,415.60	72,468.00
2	SUPPLY OF FLANGES Slip-on flanges of ASA class 150 supply 80mm ND pipe	10	No.	1,527.32	15,273.20
3	SUPPLY OF FLANGES Slip-on flanges of ASA class 150 supply 50mm ND pipe	5	No.	912.44	4,562.20
4	Blind flanges of ASA Class-150-supply 100mm ND pipe	5	No.	2,761.47	13,807.35
5	SUPPLY OF BENDS / REDUCERS / TEES 90 Deg. Forged smooth / ready-made bends, Schedule - 80 to suit: 100mm ND size	15	No.	1,297.69	19,465.35
6	SUPPLY OF BENDS / REDUCERS / TEES 90 Deg. Forged smooth / ready-made bends, Schedule - 80 to suit: 80mm ND size	2	No.	837.23	1,674.46
7	SUPPLY OF BENDS / REDUCERS / TEES 90 Deg. Forged smooth / ready-made bends, Schedule - 80 to suit: 50 mm ND size	10	No.	334.89	3,348.90
8	45 Deg. Forged smooth / ready-made bends, Schedule - 80 to suit: 100mm ND size	5	No.	952.62	4,763.10
9	Concentric Reducer (Forged) I. Schedule - 80 100mm ND x 80mm ND	5	No.	586.06	2,930.30
10	Concentric Reducer (Forged) I. Schedule - 80 100mm ND x 50mm ND	2	No.	753.50	1,507.00
11	SUPPLY OF ANCILLARY FITTINGS Ancillary Fittings-Class-1500 25mm/1" Ball / Needle of S.S	5	No.	2,282.91	11,414.55

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It.no	Description of item	Quantity	Unit	Rate	Amount
12	SUPPLY OF ANCILLARY FITTINGS Ancillary Fittings- Class-1500 15mm / 1/2" Ball / Needle of S.S.	5	No.	1,521.94	7,609.70
13	Supply of structurals M.S. Plates, chequered plates,angles,channels ,beams and round bars of various dia as per requirement etc.	2000	kg	94.76	1,89,520.00
14	Supply of Reinforcement steel	500	Kg.	74.78	37,390.00
15	ASTM A106 Gr B (Seamless) 2" scd 80	20	M	1,258.18	25,163.60
B - Total				Rs.	4,10,897.71

C: SERVICE ITEMS FOR LAYING OF PIPELINES & VALVES

It.no	Description of item	Unit	Quantity	Rate	Amount
1	Laying of overground pipelines 114.3 mm OD (above but excluding 4.8mm WT) pipe	Mtr.	300	284.38	85,314.00
2	Laying of overground pipelines 88.9 mm OD (above but excluding 4.8mm WT) pipe	Mtr.	20	263.52	5,270.40
3	Laying of overground pipelines 60.3 mm OD pipe	Mtr.	20	107.60	2,152.00
4	Fabrication of TEE/Branches 100mm x 100mm x 100mm	No.	5	507.28	2,536.40
5	Fabrication of TEE/Branches 100mm x 80mm x 100mm	No.	2	507.28	1,014.56
6	Fabrication of TEE/Branches 100mm x 50mm x 100mm	No.	2	166.90	333.80
7	Installation of valves (with welding of companion flanges) Plug/Gate/Non-Return ASA 300/150 (with welding of companion flanges)- Installation 100mm ND size	No.	4	1,481.20	5,924.80
8	Welding of Slip-on flanges ASA 150- Installation to suit 100mm ND pipe	No.	30	416.14	12,484.20
9	Welding of Slip-on flanges ASA 150- Installation to suit 80mm ND pipe	No.	10	375.52	3,755.20
10	Welding of Slip-on flanges ASA 150- Installation to suit 50mm ND pipe	No.	5	213.01	1,065.05
11	Interconnection or removal of interconnection of the existing hydro-carbon bearing pipelines. Over- ground Interconnection 114.3 mm OD Size	Job	4	10,868.00	43,472.00
12	Fabrication	Kg.	2000	21.96	43,920.00
13	Assembling and installation	Kg.	6000	14.27	85,620.00

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It.no	Description of item	Unit	Quantity	Rate	Amount
14	Erection of separator / scrubber / vessels(Crane provided by ONGC) Upto 1MT Weight	Job	1	24,926.80	24,926.80
15	Installation including welding of bends/reducers/tees 90 Deg. Forged smooth / ready-made bends, Schedule - 80 to suit:100mm ND size	No.	15	370.03	5,550.45
16	Installation including welding of bends/reducers/tees 90 Deg. Forged smooth / ready-made bends, Schedule - 80 to suit: 80mm ND size	No.	2	238.27	476.54
17	Installation including welding of bends/reducers/tees 90 Deg. Forged smooth / ready-made bends, Schedule - 80 to suit: 50 mm ND size	No.	10	95.53	955.30
18	Installation including welding of bends/reducers/tees 45 Deg. Forged smooth / ready-made bends, Schedule - 80 to suit: 100mm ND size	No.	5	271.21	1,356.05
19	Installation including welding of bends/reducers/tees Concentric Reducer (Forged) I. Schedule - 80 100mm ND x 80mm ND	No.	5	166.90	834.50
20	Installation including welding of bends/reducers/tees Concentric Reducer (Forged) I. Schedule - 80 100mm ND x 50mm ND	No.	2	214.11	428.22
21	Installation of ancillary fittings Ancillary Fittings-Class-1500 25mm/1" Ball / Needle of S.S	No.	5	608.29	3,041.45
22	Installation of ancillary fittings Ancillary Fittings-Class-1500 15mm/1/2" Ball / Needle of S.S	No.	5	407.36	2,036.80
23	Assembling of Flange sets Class-600/400/300/150 to suit 100mm ND pipe	Set.	50	3,323.65	1,66,182.50
24	Assembling of Flange sets Class-600/400/300/150 to suit 80mm ND pipe	Set.	20	2,492.46	49,849.20
25	Assembling of Flange sets Class-600/400/300/150 to suit 50mm ND pipe	Set.	15	1,246.23	18,693.45
26	Underground pipelines- Recovery 100mm ND size	Mtr.	25	253.64	6,341.00
27	Overground pipelines- Recovery.200mm ND size	Mtr.	10.00	255.83	2,558.30
28	Overground pipelines- Recovery.150mm ND size	Mtr.	10.00	203.13	2,031.30
29	Overground pipelines- Recovery.100mm ND size	Mtr.	50.00	162.50	8,125.00
30	Overground pipelines- Recovery.80mm ND size	Mtr.	15.00	107.60	1,614.00


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It.no	Description of item	Unit	Quantity	Rate	Amount
31	Overground pipelines- Recovery.50mm ND size	Mtr.	25.00	45.02	1,125.50
32	Dismantling of Existing Flange Set –All Class 100mm ND pipe	Set.	30	527.04	15,811.20
33	Dismantling of Existing Flange Set –All Class 80mm ND pipe	Set.	10	466.65	4,666.50
34	Dismantling of Existing Flange Set –All Class 50mm ND pipe	Set.	15	81.25	1,218.75
35	Dismantling of M.S. Structural Items	Kg.	6000	10.98	65,880.00
36	Earth Work (Other than trenching for pipeline)	Cum	50	327.20	16,360.00
37	River Sand Filling(for foundation)	Cum	10	857.54	8,575.40
38	Centering and Shuttering	sqm	150	178.97	26,845.50
39	Reinforcement cement concrete(1:2:4)	Cum	20	6,645.10	1,32,902.00
40	Plain Cement Concrete 1:4:8	Cum	8	4,909.16	39,273.28

C - Total Rs. 9,00,521.40

Total (A+B+C) Rs. 1,39,46,522.37

Deduct quoted offer @ (-) 14.59% Rs. -20,34,797.61

Total Rs. 1,19,11,724.76

Add GST 18.00% Rs. 21,44,110.11

Awarded value Rs. 1,40,55,834.87

(Rupees One crore forty lakhs fifty five thousand eight hundred thirty four and paise eighty seven only)

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GM (Civil)