



न्यूक्लियर पावर कॉर्पोरेशन ऑफ इंडिया लिमिटेड
Nuclear Power Corporation of India Limited
(भारत सरकार का उद्यम Government of India Enterprise)



कैगा स्थल KAIGA SITE

CENTRALISED TENDER CELL केंद्रीय नीविदा प्रकोष्ठ

Corporate Identification No. U40104MH1987GOI149458

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Website: www.npcil.nic.in

Ref: NPCIL/KAIGA/CTC/WO/2024/984

Date: 30-08-2024.

Work Order

To:

M/s S. M. Erectors,
144/1, Kaiga wada,
Village- Mallapur, Karwar,
Uttar Kannada - 581400

Kind Atten: Shri Shambhu Sharan Prasad.
Mobile No.: 9448996312
E-mail: smerectors1996@gmail.com

Work Order No.	:	500075
S.L. Code	:	S0124500075
Account Code	:	14235
Charge Code	:	6353
MSME Category	:	NA
MSME Reg. No.	:	NA

WORK ORDER NO.: 2024_NPCIL_193644_1/82410.01/WO

Sub: Supply, Fabrication, Field Welding, Erection of Roof Protection Works of Porta-Cabin Site Offices and Miscellaneous Piping & Structural works at Kaiga 5&6 site.

- Ref:** 1) TENDER ID: 2024_NPCIL_193644_1
2) TENDER NO.: NPCIL/KAIGA-5&6/CTC/MECH/CPPP/2024/025
3) Last date of submission of tender as per Corrigendum-1 is 15.05.2024.
4) Negotiation MOM No. NPCIL/KAIGA/CTC/CPPP025/2024/345 dated 02.07.2024

Dear Sir,

1) Bid Acceptance:

This is to inform you that, the bid submitted by you as referred above has been accepted for and on behalf of NPCIL, for the items of work shown in the enclosed schedule of quantities and rates for a total value of Rs. 84,66,280.00 (Rupees Eighty Four Lakhs, Sixty Six Thousand, Two Hundred and Eighty Only) inclusive of all applicable taxes and including 18% GST.

पंजीकृत कार्यालय 16 : वी तलसेंटर , -1, वर्ल्ड ट्रेड सेंटर, 400005-मुम्बई , कोलाबा , कफे परेड ,

Registered Office: 16th Floor, Centre-1, World Trade Centre, Cuffe Parade, Colaba, Mumbai-400005.

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2) QUANTITIES & RATES:

- 2.1 You may note that the rates are for complete items of work including supply of all materials (unless otherwise specified), consumables, all temporary arrangements, all labours, all prevailing duties, taxes including GST.
- 2.2 The item of SOQR AHR items - Item no. 2.16,2.17,2.18,2.19,2.20,2.28 & 2.36 and ALR Items: item no. 2.04,2.06,2.08, 2.09, 2.15,2.24,2.25,2.26, 2.27,2.30,2.31,2.32.

SL. NO.	SCHEDULE / ITEM NO.	QUOTED RATE (IN Rs.)	NEGOTIATED RATE (IN Rs.)
1	1.03	150.00	130.00
2	1.05	450.00	397.00
3	1.06	550.00	477.00
4	1.12	1250.00	1050.00
5	2.16	114500.00	95000.00
6	2.17	109500.00	80000.00
7	2.18	95500.00	60000.00
8	2.19	35000.00	31000.00
9	2.20	40000.00	15000.00
10	2.21	1550.00	155.00
11	2.22	550.00	505.00
12	2.28	150000.00	105000.00
13	2.29	650.00	635.00
14	2.36	25500.00	15000.00

Bidder has also agreed to execute all AHR Items (After Negotiation) at departmental estimated rates for the quantities beyond tender quantity.

3) CONTRACT PRICE ADJUSTMENT:

Escalation of payment shall be applicable as per GCC Clause no. 11.3, Sl. No. 21 of Schedule-A & Other conditions of this contract.

4) EXECUTION OF WORK:

The work shall be carried out strictly in accordance with the terms, conditions, specifications and drawings stipulated in the tender and also in best workmanlike manner. You shall employ and maintain qualified engineers / supervisors in the job at all times. You shall also bring to the site and employ such machinery and equipment and other materials as are necessary for the satisfactory completion of this work.

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5) CONTRACT PERIOD:

5.1 Schedule completion Period:

The work shall be completed in all respect within **365 Calendar Days** (including monsoon period) from the date of commencement. **The date of commencement of work will be reckoned within seven (07) days from the date of issue of Work Order.** The time shall be essence of the contract and the work shall be completed as per approved program of work.

5.2 Defect Liability Period:

The Defect Liability Period as per Para 9.1.1 of Schedule-A of Tender is **12 Months**.

6) AUTHORISED OFFICIALS:

6.1 You are requested to inform the name of the authorized representative who will deal with all matter relating to the contract and the Power of Attorney in his favour duly executed on stamped paper of an appropriate value shall be furnished.

6.2 During the execution of the contract and until completion certificate is issued you will be fully liable to compensate all concerned for any loss, damage or destruction of work, structure, property etc. including third party risk arising due to causes attributable to you which will be decided by the Engineer-in-charge whose decision in this regard will be final.

7) INSURANCE:

You are required to take out following insurance policies applicable to this contract at your cost immediately after receipt of this work order from the date of commencement of work to the end of the Defect Liability Period for whole contract value Inclusive of GST.

- a) CAR policy for the whole contract value.
- b) The Insurance amount should cover **THIRD PARTY LIABILITY** to 10% of Contract value subject to a maximum of Rs. 50 lakhs.
- c) Employees State Insurances for contract workers.
- d) Wherever ESI Act not covers the contract worker based on monthly wage/ salary, contractor shall obtain the employees/ Workmen compensation for such workers.

You may note that all insurance policies taken under 7 (a), (b) & (d) are to be in Joint names of Corporation and the contractor and specific to work by mentioning the name of work and work order Number in the policies and all Policies in Original should be submitted to the Engineer-in-charge before the date of commencement

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of work. Copy of ESI registration certificate shall be submitted to EIC before commencement of the work.

8) TAXES & DUTIES:

For tax related compliance (including TDS) refer Contract document, GCC and Special Conditions of Contract (SCC).

9) ENGINEER-IN-CHARGE:

Shri Kishore V. Shetty, OIC (Mech.), Kaiga-5&6 will be the Engineer-in-Charge of this work. You may make necessary arrangements for commencing the work immediately in consultation with Engineer-in-Charge.

10) SECURITY DEPOSIT:

Security Deposit shall be @ 10% of the contract value including GST will be ₹ 8,46,628/- (Rupees Eight Lakh, Forty Six Thousand, Six Hundred and Twenty Eight Only) and shall be governed as per clause no.4.2 of GCC and as per the relevant orders issued by Govt. of India.

10.1 PERFORMANCE GUARANTEE:

As per clause No.4.2.3 of GCC you shall submit a performance guarantee for ₹ 4,23,314/- (50% of Security Deposit) to the Corporation within 30 days after issue of work order. It should cover the contract period plus defect liability period. In case bank guarantee is submitted it shall be as per the format given in the tender document.

10.2 RETENTION MONEY:

As per clause No.4.2.5 of GCC, the remaining amount (50% of Security Deposit) of Security Deposit of ₹ 4,23,314/- will be deducted as a Retention money from the RA bill/final bill at the rate of 6% of each bill amount. Security Deposit amount will not bear any interest.

10.3 REFUND OF SECURITY DEPOSIT:

Refund of Security deposit will be regularized as per clause no. 4.3 of General Condition of Contract.

11) APPLICABLE LAWS & ACTS:

11.1 You shall comply with various provisions of the contract labour (Regulations & Abolition) Act 1970 and rules framed thereafter from time to time. In case, the

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WORK ORDER NO.: 2024_NPCIL_193644_1/82410.01/WO

Contract Labour Act does not apply to your organization you should intimate the Engineer-In-Charge of this work accordingly before commencing the work. Further you shall also comply with the provisions of other laws such as Workmen's Compensation Act 1923, Minimum Wages Act 1948, E.P.F. Act, ESI Act, Gratuity Act and other labor laws as applicable to your organization. In case, NPCIL is required to incur any expenses as principal employer under the provisions of the various laws, NPC shall be entitled to recover the same from you/your bills.

- 11.2 You have to give request for the issue of Principal Employer's Certificate for obtaining labour license based on the maximum number of workmen you proposed to employ for this work. You may please note that within 14 days from the date of issue of this work order, you will have to apply for a labour license to the Asstt. Labour Commissioner, of the area, for the maximum number of workers you had indicated to engage on the work.
- 11.3 The contractor shall make the payment to all its labours on or before 7th of succeeding month and as defined in special condition of contract.

11.4 Labour License (if applicable),

12) PAYMENT TERMS:

- 12.1 The progressive monthly payment for the work completed and accepted by Engineer-In-Charge shall be made through Running Account bills once in a month as per clause No:12.2 of GCC on submission of measurement / bill by the contractor. Submission of bills on monthly basis shall be ensured by the Contractor.
- 12.2 Payment of bills will be processed on submission of GST Invoice duly supported with Annexure-8 (Declaration Form for GST).
- 12.3 In addition to above, first Running Account bill will be processed only on Intimation from Tender Section regarding Work order acceptance & agreement signed by the contractor and submission of Insurance Policies, Copy of PAN, GST Registration certificate and cancelled cheque for Bank Account details to the Engineer-In-Charge.

13) PENALTY & LIQUIDATED DAMAGES CLAUSE:

Penalties imposed by Engineer In-charge for non-compliance or violation of certain conditions of contract, Liquidated Damages for delay in execution and any other penalty in the nature of fine imposed during execution of work will be recovered along with applicable GST there on from bills of the contractor before release of payment.

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14) SECURITY, SAFETY & HOUSEKEEPING:

You may have to comply all Security, Safety rules & regulations, Environmental measure as defined in the Contract.

15) TRANSPORT & ACCOMMODATION:

Contractor shall make his own arrangement for Accommodation & Transportation of manpower deployed for this work.

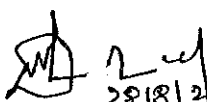
16) AGREEMENT:

A formal agreement incorporating all the terms and conditions agreed between NPCIL and **M/s S. M. Erectors** will be executed as per Clause No 21.3 of Tender document and as defined in the special condition of contract from the date of issue of this work order. Till a formal agreement is executed the original tender together with letters under reference and this work order shall form the binding contract between NPCIL and **M/s S. M. Erectors**.

Kindly acknowledge receipt of this Work Order.

Thanking you,

Yours faithfully
For and on behalf of NPCIL


28/8/24
(DAMODAR V SHANBHAG)
ACE (RE), Kaiga-5&6

Encl: Schedule of quantities and rates.



Print Date: 27-Aug-2024

Name of Work: Supply, Fabrication, Field Welding, Erection of Roof Protection Works of Porta-Cabin Site Offices and Miscellaneous Piping & Structural works at Kaiga 5&6 site.							
Agency Name : M/s S.M. ERECTORS							
WO / SOQR Number : 500075							
Item No	Description	Unit	Quantity	Rate in ₹	Rebate in %	Rebated Rate	Amount in ₹
		Rate in Words					
Schedule : Mechanical:NA							
1	Schedule-A: Structural works				-	-	-
1.01	Supply of structural Steel as per IS-2062, fabrication & erection/ welding/ assembly of MS structural steel works such as trusses, purlins, beams, columns, Miscellaneous structures like plate EP's, Gates, Structural Supporting Stands, etc., (other than window & door gills) fabricating, transporting, erecting at site, welding, grouting, leveling, aligning and fixing in position with appropriate anchor bolts / site welding in their final position etc., as per approved fabrication drawings including application of one coat of approved primer and two coats of approved quality / shade synthetic enamel paint to exposed surfaces etc.,(Total DFT=150microns) Cleaning the work area by collecting & stacking the construction waste / debris & unwanted materials outside the periphery of the work premises etc. complete all as per specification, as per drawing and as directed by the Engineer-in-charge at all lifts & locations. Note: Cost is inclusive of Providing, fixing and removing of Scaffolding for working platform for height work (more than 2.5 m height), labour, consumables & material handling.	MT	22	145000	-	-	31,90,000.00
		Rupees One Lakh Forty Five Thousand Only					
1.02	Supply and laying/ fixing Plain or Curved Galvalum sheets for roofing, ridges, rain water gutter & cladding etc. (not less than 0.4 mm thick), of pre painted aluminium-zinc alloy metallic coated steel sheet, coating grade: AZ-70/AZ-100, paint material top coat of polyester/ polyurethane, material of bottom coat: alkaloid epoxy, no. of corrugation/ trapezoidal = 6, conforming to IS15985, trapezoidal profile not less than 0.4mm thick at pitch. Pitch not less than 203 mm. Appropriate length & width of sheets as per site measurement/ as directed by engineer, including providing & fixing necessary self drilling screws with washers, galvalum sheet shall be of shade/ colour (as per site requirement and as selected by Engineer In Charge) and of standard make, preparation of base, providing, fixing & removing staging/ platform/ ladder wherever required, collecting & disposing the generated waste & construction waste etc. away from the work premises & cleaning the work area, etc. complete all as per standard & manufacturer's specification, drawing (if any) and as directed by Engineer In Charge at all locations & at all lifts & heights.	SqM	1700	825	-	-	14,02,500.00
		Rupees Eight Hundredrs Twenty Five Only					
1.03	Painting : Supply & application of one coat of first quality high gloss synthetic enamel paint of make Berger/ Asian/ Nerolac/ Shalimar/ ICI paints of 40-50 microns DFT per coat on roofs and external surface of structures. (rates shall be inclusive of cleaning of existing structures including labour, consumables, arranging scaffoldings & safety gears, etc.)	SqM	2000	130	-	-	2,60,000.00
		Rupees One Hundredrs Thirty Only					
1.04	Painting : Supply & application of [30-40 micron DFT per coat]of Epilux High Build Zinc Phosphate Primer and First quality synthetic Enamel paint of make Berger/ Asian/ Nerolac/ ICI paints. Work involves material supply, Cleaning, Surface preparation and application of one coats zinc based primer & two coats of Synthetic enamel paint for C.S. Pipelines & Steel structures / pipe supports etc.Total DFT shall be 150 - 200 microns. (Rates shall be inclusive of labour & consumables, arranging scaffoldings & safety gears and as per scope of work).	SqM	150	275	-	-	41,250.00
		Rupees Two Hundredrs Seventy Five Only					
	Earth work excavation In all kinds of soils Depth upto 1.5 m for drains, canals, waste weir, draft, approach channels, key trenches, foundation of Buildings & bridges, pipe trenches, footing, pipe pedestals, columns,						

[Signature] <http://10.32.2.86/comanas/wo/woSOQRReport.aspx> 27-08-2024

Co		Name of Work: Supply, Fabrication, Field Welding, Erection of Roof Protection Works of Porta-Cabin Site Offices and Miscellaneous Piping & Structural works at Kaiga 5&6 site.		Agency Name : M/s S.M. ERECTORS			
WO / SOQR Number : 500075							
Item No	Description	Unit	Quantity	Rate in ₹	Rebate in %	Rebated Rate	Amount in ₹
		Rate in Words					
1.05	and such similar works in all kinds of soils, as per drawing and technical specifications, including setting out, shoring, strutting, barricading, caution lights, removal of stumps and other deleterious matter, excavated surface leveled and sides neatly dressed disposing off the excavated stuff or sorting & stacking the selected stuff for reuse in a radius of 50 m and lift upto 1.5 m including cost of labour, tools & other appurtenances required to complete the work.	CuM	20	397	-	-	7,940.00
		Rupees Three Hundreds Ninety Seven Only					
1.06	Providing, placing and removing formwork for all In-Situ Concrete Works such as foundation bedding, rafts, pedestals, footings, plinth, columns, beams, slab, chejias, lintels, columns, pathways, walk ways and ramp, RC bands and all miscellaneous insitu concrete works including providing; fixing & removing necessary staging / platform / ladder, preparation of base, collecting & disposing the generated waste, construction waste away from work premises cleaning the work area etc, complete all works as per standard technical specification, drawing [if any] and as directed by engineer-in-charge at all locations and at all lifts. Note: The measurement for the form work will be actual area of form in contact with the concrete surfaces.	SqM	120	477	-	-	57,240.00
		Rupees Four Hundreds Seventy Seven Only					
1.07	Providing and laying in position plain cement concrete 1:3:6 using 40 mm nominal size graded crushed coarse aggregates for levelling course for all works in foundation. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed, laid in layers not exceeding 150 mm thickness, well compacted using plate vibrators, including all lead & lifts, cost of all materials of quality, labour, Usage charges of machineries, curing, and all the other appurtenances required to complete the work as per technical specifications. (The cost is exclusive of formwork and will be paid separately under item no. 6 of schedule-A of SOQR.)	CuM	4	9500	-	-	38,000.00
		Rupees Nine Thousand Five Hundreds Only					
1.08	Providing and laying in position Reinforced cement concrete of 1:1.5:3 [1 cement: 1.5 fine aggregates:3 coarse aggregates Using 20 mm nominal size graded for various types of works such as Foundation works, side walls, retaining walls and all miscellaneous RCC works including machine mixing, transporting, laying, spreading, compaction by using vibrator, leveling, finishing as directed by Engineer - in - charge and providing & fixing platform, base shall be slightly wet before laying concrete, curing, cleaning the work area & dispose the waste / unwanted materials outside the periphery of the work premises etc., complete all as per specification and as directed by Engineer-In- Charge at all locations and at all lifts. NOTE: Formwork will be measured and paid under item no. 6 of Schedule A of SOQR. Reinforcement will be measured & paid under item no. 9 of Schedule- A of SOQR.	CuM	4	10500	-	-	42,000.00
		Rupees Ten Thousand Five Hundreds Only					
1.09	Providing and laying approved make high yield strength deformed TMT Reinforcement Steel bars of all dia meters conforming to grade FE550/ 550D of IS:1786 [latest edition] including cutting, bending, transporting, placing in position 10/12 Thick C.S. Plates with lugs & binding with suitable gauge soft annealed binding wire for all insitu concrete works and all other miscellaneous RCC works, providing & placing spacer bars, cover blocks [cover blocks shall be cast in same grade of concrete & cured properly], providing; fixing & removing necessary staging / platform / ladder, preparation of base, collecting & disposing the generated waste, construction waste up to a lead of 1000 meters from the place of work & cleaning the work area, etc. complete all as per standard technical specification, manufacturers specification, drawing [if any] and as directed by engineer-in-charge at all locations and at all lift.	MT	0.6	115000	-	-	69,000.00
		Rupees One Lakh Fifteen Thousand Only					
1.10	Supply and installation of Hilti/ Fischer make anchor fasteners of M 12 X 115 mm size, Including cost of handling, scaffolding, labour and tools.	Nos	100	310	-	-	31,000.00
		Rupees Three Hundreds Ten Only					
1.11	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations and other similar works etc. in layers not exceeding 20cm in depth, consolidating each deposited layer by ramming and watering, lead up to 50 m and lift upto 1.5 m.	CuM	20	350	-	-	7,000.00
		Rupees Three Hundreds Fifty Only					
	Providing and fixing on the wall surface UPVC pressure [4 kg/sqcm] Pipes of 110 mm dia. with specials [such as tees; bends; junction with or without doors; flanges and all other required fittings etc.] of superior						

Item No	Description	Unit	Quantity	Rate in ₹	Rebate In %	Rebated Rate	Amount in ₹
		Rate in Words					
1.12	make, for Rain Water Down Commer Pipes including providing & Fixing necessary clamps [GI clamps of 25 mm. wide x 4 mm. thick] of length [as per site requirement], hard wood packing pieces, PVC slovents, screws / nails, cement & sand etc, preparation of base, providing: fixing & removing necessary staging / platform / ladder wherever required, collecting and disposing the generated waste & construction waste etc. away from work premises & cleaning the work area etc., complete as per standard & manufacturers technical specification, drawing [if any] and as directed by engineer-in-charge at all locations and at all lift.	RM	60	1050	-	-	63,000.00
		Rupees One Thousand Fifty Only					
1.13	Providing and fixing G.I. chain link fabric fencing of required width in mesh size 50x50 mm including strengthening with 2 mm dia wire or nuts, bolts and washers as required complete as per the direction of Engineer-in-charge. (Made of G.I. wire of dia. 4 mm, PVC coated to achieve outer dia not less than 5 mm in required colour and shade)	SqM	300	1200	-	-	3,60,000.00
		Rupees One Thousand Two Hundreds Only					
2	Schedule-B: Miscellaneous Piping works						-
2.01	Supply of 150 NB ISI marked, GI pipe : Heavy Grade, plain ends, Hot Finished Seamless (HFS), in 6 MTR. Lengths, Conforming to IS: 1239	MTR	300	2900	-	-	8,70,000.00
		Rupees Two Thousand Nine Hundreds Only					
2.02	Supply of 50 NB, ISI marked, GI pipe : Heavy Grade, plain ends, Hot Finished Seamless (HFS), in 6 MTR. Lengths, Conforming to IS: 1239	MTR	100	750	-	-	75,000.00
		Rupees Seven Hundreds Fifty Only					
2.03	Supply of 150 NB 90° L.R Elbow, BW, Sch. 40, A 234 WPB,	Nos	6	1200	-	-	7,200.00
		Rupees One Thousand Two Hundreds Only					
2.04	Supply of 150 NB 45° L.R Elbow, BW, Sch. 40, A 234 WPB,	Nos	3	650	-	-	1,950.00
		Rupees Six Hundreds Fifty Only					
2.05	Supply of 100 NB 90° L.R Elbow, BW, Sch. 40, A 234 WPB,	Nos	3	525	-	-	1,575.00
		Rupees Five Hundreds Twenty Five Only					
2.06	Supply of 80 NB 90° L.R Elbow, BW, Sch. 40, A 234 WPB,	Nos	2	250	-	-	500.00
		Rupees Two Hundreds Fifty Only					
2.07	Supply of 80 NB 45° L.R Elbow, BW, Sch. 40, A 234 WPB,	Nos	2	200	-	-	400.00
		Rupees Two Hundreds Only					
2.08	Supply of 50 NB 90° L.R Elbow, BW, Sch. 40, conforming to IS-1239 part 2	Nos	4	300	-	-	1,200.00
		Rupees Three Hundreds Only					
2.09	Supply of 50 NB 45° L.R Elbow, BW, Sch. 40, conforming to IS-1239 part 2	Nos	2	210	-	-	420.00
		Rupees Two Hundreds Ten Only					
2.10	Supply of 100 NB Equal Tee, BW, Sch. 40, A 234 WPB,	Nos	1	675	-	-	675.00

Item No	Description	Unit	Quantity	Rate in ₹	Rebate In %	Rebated Rate	Amount in ₹
		Rate in Words					
		Rupees Six Hundreds Seventy Five Only					
2.11	Supply of 80 NB Equal Tee, BW, Sch. 40, A 234 WPB,	Nos	2	575	-	-	1,150.00
		Rupees Five Hundreds Seventy Five Only					
2.12	Supply of 50 NB Equal Tee, BW, Sch. 40, conforming to IS-1239 part 2	Nos	2	500	-	-	1,000.00
		Rupees Five Hundreds Only					
2.13	Supply of 200X150 NB UnEqual Tee, BW, Sch. 40, A 234 WPB,	Nos	1	2815	-	-	2,815.00
		Rupees Two Thousand Eight Hundreds Fifteen Only					
2.14	Supply of 80X50 NB UnEqual Tee, BW, Sch. 40, A 234 WPB,	Nos	2	500	-	-	1,000.00
		Rupees Five Hundreds Only					
2.15	Supply of 100X80 NB Concentric Reducer, BW, Sch. 40, A 234 WPB,	Nos	2	250	-	-	500.00
		Rupees Two Hundreds Fifty Only					
2.16	Supply of 200 NB, 150# CS Gate Valve Flanged Ends OS& Y Type Gate Valve, Body and Bonnet in ASTM A216 Gr. WCB, Wedge and Seating in ASTM A216 Gr.WCB+13% Cr Overlay, Stem and Gland in ASTM A276 Type 410, Handwheel Operated, Gasket in SPW SS316+Graphite, Packing in Dieformed Graphite rings, Fastners in B7/2H, Flanged Ends Class 150, Design std: API: 600 & Testing as per API : 598	Nos	1	95000	-	-	95,000.00
		Rupees Ninety Five Thousand Only					
2.17	Supply of 150 NB, 150# CS Gate Valve Flanged Ends, OS& Y Type Gate Valve, Body and Bonnet in ASTM A216 Gr. WCB, Wedge and Seating in ASTM A216 Gr.WCB+13% Cr Overlay, Stem and Gland in ASTM A276 Type 410, Handwheel Operated, Gasket in SPW SS316+Graphite, Packing in Dieformed Graphite rings, Fastners in B7/2H, Flanged Ends Class 150, Design std: API: 600 & Testing as per API : 598	Nos	3	80000	-	-	2,40,000.00
		Rupees Eighty Thousand Only					
2.18	Supply of 100 NB, 150# CS Gate Valve Flanged Ends, OS& Y Type Gate Valve, Body and Bonnet in ASTM A216 Gr. WCB, Wedge and Seating in ASTM A216 Gr.WCB+13% Cr Overlay, Stem and Gland in ASTM A276 Type 410, Handwheel Operated, Gasket in SPW SS316+Graphite, Packing in Dieformed Graphite rings, Fastners in B7/2H, Flanged Ends Class 150, Design std: API: 600 & Testing as per API : 598	Nos	2	60000	-	-	1,20,000.00
		Rupees Sixty Thousand Only					
2.19	Supply of 80 NB, 150# CS Gate Valve Flanged Ends, OS& Y Type Gate Valve, Body and Bonnet in ASTM A216 Gr. WCB, Wedge and Seating in ASTM A216 Gr.WCB+13% Cr Overlay, Stem and Gland in ASTM A276 Type 410, Handwheel Operated, Gasket in SPW SS316+Graphite, Packing in Dieformed Graphite rings, Fastners in B7/2H, Flanged Ends Class 150, Design std: API: 600 & Testing as per API : 598	Nos	2	31000	-	-	62,000.00
		Rupees Thirty One Thousand Only					
2.20	Supply of 50 NB, 800# CS Gate Valve Flanged Ends, OS&Y Type Reduced Bore Gate valve, Body & Bonnet in ASTM A105, Wedge & Seating in ASTM A276 Type 410, Stem & Gland in ASTM A276 Type 410, Gasket in SPW SS316+Graphite, Handwheel Operated, Packing in Braided Graphite Rings, Fastners in B7/2H, Socket weld EndDesign std: API: 600 & Testing as per API : 598	Nos	5	15000	-	-	75,000.00
		Rupees Fifteen Thousand Only					
2.21	Supply & Installation of CNAF Gaskets between flanged joints	SqM	9	155	-	-	1,395.00
		Rupees One Hundreds Fifty Five Only					
2.22	Supply of Anti Corrosion protection tape for burried portion of the pipe lines conforming to AWWA-C-203 & IS-10221 in size of 333 mm width x 4 mm thick x 12 mtrs long roll.Each roll shall be 333 mm x 12 Mtrs = 4	SqM	70	505	-	-	35,350.00

Item No	Description	Unit	Quantity	Rate in ₹	Rebate in %	Rebated Rate	Amount in ₹
		Rate in Words					
	Sq. Mtr.						
2.23	Supply of compatible primer conforming to AWWA-C-203 & IS-10221 for Anticorrosive tape	Ltr	20	300	-	-	6,000.00
						Rupees Three Hundreds Only	
2.24	Supply of 200NB, 150# CS SORF FLANGE, ANSI B16.5, ASTM A105	Nos	2	300	-	-	600.00
						Rupees Three Hundreds Only	
2.25	Supply of 150NB, 150# CS SORF FLANGE, ANSI B16.5, ASTM A105	Nos	2	275	-	-	550.00
						Rupees Two Hundreds Seventy Five Only	
2.26	Supply of 80NB, 150# CS SORF FLANGE, ANSI B16.5, ASTM A105	Nos	4	250	-	-	1,000.00
						Rupees Two Hundreds Fifty Only	
2.27	Supply of 50NB, 150# CS SORF FLANGE, ANSI B16.5, ASTM A105	Nos	12	210	-	-	2,520.00
						Rupees Two Hundreds Ten Only	
2.28	Supply, handling, installation, testing & commissioning of 3 HP, 3 phase open well submersible Pump, minimum 30 mtr. head, 2.8 LPS flow rate with control panel consisting of indicator lamps, fuse, voltmeter, ammeter, under/ over voltage current preventors, DOL starter unit, MCB, etc. housed in outdoor GI box with stand, FRP Sheet for pump protection, 20 mtr. of 2.5 Sq mm 3 core Cable, etc. including labour charges/ erection charges of pump, hose pipe, clamps, etc. complete all as per specifications and as directed by Engineer in charge.	Lumpsum	1	105000	-	-	1,05,000.00
						Rupees One Lakh Five Thousand Only	
2.29	Providing and fixing 50NB Unplasticised Polyvinyl Chloride (UPVC) pipes, for cold water supply including all UPVC plain & brass threaded fittings. This includes jointing of pipes & fittings with one step UPVC solvent cement, trenching, refilling & testing of joints complete as per direction of Engineer in Charge.	RM	200	635	-	-	1,27,000.00
						Rupees Six Hundreds Thirty Five Only	
2.30	Piping Erection : Handling, Wire brush cleaning, fabrication and Erection of Piping & its fittings on permanent pipe supports, generating reports, etc. as per Technical Specification and as directed by the Engineer In-charge of the work. Refer scope of work in Section -V of the tender document for additional details. (Rate is inclusive of Hydro testing of pipeline to specified pressure as per specifications, all labour, equipments charges & arrangements etc.)	Inch Mtr	3100	95	-	-	2,94,500.00
						Rupees Ninety Five Only	
2.31	Welding of CS Piping SMAW for BW/NW/SW/Slipon flange welding / seal welding etc including degalvanising of Pipe ends as per requirement. (Same rates for Pipe sizes 25 NB to 200 NB). Refer scope of work in Section -V of the tender document for additional details. (Rate is inclusive of all labour, equipments charges, etc.)	Inch dia	600	550	-	-	3,30,000.00
						Rupees Five Hundreds Fifty Only	
2.32	Carrying out Dye-Penetrant Test (DPT) for completed weld as per requirement(including all consumables).	Inch Dia	60	55	-	-	3,300.00
						Rupees Fifty Five Only	
2.33	Wrapping & Coating : Cleaning of pipe surface , application of compatible primer for Anti Corrosion protection tape, wrapping & Coating of C.S. Pipe for burried portion of the pipe lines with anti corrosion tape conforming to AWWA-C-203 & IS-10221 in size of 333 mm width x 4 mm thick. Rates shall be inclusive of	Sqm	70	225	-	-	15,750.00

Name of Work: Supply, Fabrication, Field Welding, Erection of Roof Protection Works of Porta-Cabin Site Offices and Miscellaneous Piping & Structural works at Kaiga 5&6 site.								Agency Name : M/s S.M. ERECTORS	
WO / SOQR Number : 500075									
Item No	Description	Unit	Quantity	Rate in ₹	Rebate in %	Rebated Rate	Amount in ₹		
		Rate in Words							
	labour & supply of wire brushes for pipe surface cleaning.	Rupees Two Hundreds Twenty Five Only							
2.34	Providing and fixing Hex Head bolts of Various sizes (M12 to M24 to suit flanged joints (valves, flanges, etc.)) including compatible nuts and washers complete for joining flanges, valves, etc. including cost of materials, labour, usage charges of machinery complete as per specifications and as per directions of the Engineer-in-Charge.	kg	60	200	-	-	12,000.00		
		Rupees Two Hundreds Only							
2.35	Supply of Horizontal Y-Type Strainer to suit 150 NB pipe, flanged ends, design conforming to ASME B16.10 & ASTM section VIII-Div. 2, material: ASTM A-216 gr. WCB/ ASTM A351 CF, Filter element: SS-316/SS-304/ Brass, Mesh Size: 5-500 microns, pr. Up to 60 kg/cm2.	Nos	1	25000	-	-	25,000.00		
		Rupees Twenty Five Thousand Only							
2.36	Supply of 50 NB Class B Water Meter conforming to ISO 4064	Nos	1	15000	-	-	15,000.00		
		Rupees Fifteen Thousand Only							
3	Schedule-C: 5000 LPH Industrial UV,UF Water Purification System								
3.01	Supply, Transportation, Handling, Installation & Commissioning of Industrial UV, UF portable water purification system of capacity 5000 LPH with SS skid, SV & control panel and erection of 10 m UPVC pipeline, Valves & Fittings. The filtered water shall be conforming to IS: 10500 (latest edition). Note: Cost is inclusive of transportation, installation, labour charges, etc.	Lumpsum	1	365000	-	-	3,65,000.00		
		Rupees Three Lakh Sixty Five Thousand Only							

Note: All Item Rates are considered to be in Indian Rupees unless otherwise explicitly specified and in which case shall be always converted appropriately to arrive at the amount in Indian Rupees.

Work Order Total	Rs. 84,66,280.00
Overall Rebate (%)	0
Work Order Value After Overall Rebate in Figure	Rs. 84,66,280.00
Work Order Value After Overall Rebate in Words	Rupees Eighty Four Lakh Sixty Six Thousand Two Hundreds Eighty Only

Signature Not Verified

Digitally signed by BASA NAGOUDA SHIVAGOUDA NAGANURI
Date: 2024.08.30 17:01:32 IST
Location: eProcurement System for Central PSUs

Head (CIC), Kaiga Site
26/8/24
28/8/24
ACE (RE), Kaiga - 5&6