



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



कैगा स्थल KAIGA SITE

C & MM-(WORKS GROUP) सी एंड एमएम (वर्क्स ग्रुप)

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Ref: NPCIL/KAIGA/CTC/WO/2025/1216

Date: 12-12-2025.

Work Order

To:

M/s Shivakumar co,
#2/29 Ramkrishna Nagar
Gokul Road Hubli

Kind Atten: Shri B M Totad

Mobile No.: 9448475129

E-mail: shivakumarcompany@rediffmail.com

Work Order Fais No.	:	102175
S.L. Code	:	S0047102175
Account Code	:	14473
Charge Code	:	9953
MSME Category	:	NA
MSME Reg. No.	:	NA

WORK ORDER NO.: 2025_NPCIL_243133_1/74200/WO

Sub: Construction of Environmental Radiation Monitors (ERM) & Automatic Weather Stations (AWS) and other associated works at various locations at Plant Site, Kaiga.

Ref: 1) TENDER ID: 2025_NPCIL_243133_1

2) TENDER NO.: NPCIL/KGS/CTC/E&US (Civil-Infra)/CPPP/2025/093

3) Last date of submission of tender is 28.08.2025.

4) Negotiation MOM No. NPCIL/KAIGA/CTC/CPPP093/2025 dated 29.09.2025

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. 2,91,06,325.00 (Rupees Two Crore Ninety One Lakhs Six Thousand and Three Hundred Twenty Five Only) inclusive of all applicable taxes and including 18% GST.

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2) QUANTITIES & RATES:

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.

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.

5) CONTRACT PERIOD:

5.1 Schedule completion Period:

The work shall be completed in all respect within **548 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

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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 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 Brijesh Meena, SO/C (Civil-Infra Works) 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 **₹ 29,10,633/- (Rupees Twenty Nine Lakh, Ten Thousand Six Hundred and Thirty Three Only)** and shall be governed as per clause no.4.2 of GCC and as per the relevant orders issued by Govt. of India.



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10.1 PERFORMANCE GUARANTEE:

As per clause No.4.2.3 of GCC you shall submit a performance guarantee for ₹ 14,55,316/- (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 ₹ 14,55,317/- 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 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.

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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.

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.



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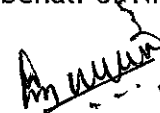
16) AGREEMENT:

A formal agreement incorporating all the terms and conditions agreed between NPCIL and **M/s Shivakumar co** 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 Shivakumar co**.

Kindly acknowledge receipt of this Work Order.

Thanking you,

Yours faithfully
For and on behalf of NPCIL


(Vishweshwar)
DGM, CMM-(WORKS GROUP)

Encl: Schedule of quantities and rates.

NUCLEAR POWER CORPORATION OF INDIA LIMITED
(A Government of India Enterprise)
Kaiga Generating Station
Schedule Of Quantities And Rates



Print Date: 11-Dec-2025

CoManas Name of Work: Construction of Environmental Radiation Monitors (ERM) & Automatic Weather Stations (AWS) and other associated works at various locations at Plant Site, Kaiga. Agency Name : M/s shivakumar co

WO / SOQR Number : 102175

Item No	Description	Unit	Quantity	Rate in ₹	Rebate in %	Rebated Rate	Amount in ₹
Schedule : E&US:NA		Rate in Words					
1	Earthwork Excavation in all Sorts of Soil for foundation trenches, walls, drains, plinths, footings, pedestals, columns and for all other miscellaneous foundation works etc., including Cutting / removing & clearance of jungle, bushes, grass & all other unwanted plants, creepers, which are obstructing for excavation work etc. Shoring, strutting, bailing out water if necessary, dressing, leveling & hand ramming properly the bottom of foundations using wooden hand rammer with proper watering, refilling the sides of the foundation with excavated available good quality of Soil, leveling & hand ramming properly the sides of foundations using wooden hand rammer with proper watering, providing; fixing & removing necessary scaffolding / staging / platform, cleaning the work area, collecting & disposing the construction waste up to a lead of 2000 meters from the place of work etc. complete all as per specification and as directed by Engineer-in-charge at all locations and at all lift & height.						
1.1	Excavation from Ground level to 1.50 meters depth.	Cum	1955	290	-	-	5,66,950.00
			Rupees Two Hundreds Ninety Only				
1.2	Excavation from 1.50 to 4.00 meters depth.	Cum	3087	450	-	-	13,89,150.00
			Rupees Four Hundreds Fifty Only				
2	Excavation in Soft Rock for foundation trenches, walls, drains, plinths, footings, pedestals, columns and for all other miscellaneous foundation works etc., upto an average depth of 4.00 meters [from the existing ground level] including Cutting / removing & clearance of jungle, bushes, grass & all other unwanted plants, creepers, which are obstructing for excavation work etc. Shoring, strutting, bailing out water if necessary, dressing, leveling & hand ramming properly the bottom of foundations using wooden hand rammer with proper watering, refilling the sides of the foundation with excavated available good quality of Soil, leveling & hand ramming properly the sides of foundations using wooden hand rammer with proper watering, providing; fixing & removing necessary scaffolding / staging / platform, cleaning the work area, collecting & disposing the construction waste up to a lead of 2000 meters from the place of work etc. complete all as per specification and as directed by Engineer-in-charge at all locations and at all lifts & heights.	Cum	253	725	-	-	1,83,425.00
			Rupees Seven Hundreds Twenty Five Only				
3	Excavation in Hard Rock for foundation trenches, walls, drains, plinths, footings, pedestals, columns and for all other miscellaneous foundation works etc., upto an average depth of 4.00 meters [from the existing ground level] including Cutting / removing & clearance of jungle, bushes, grass & all other unwanted plants, creepers, which are obstructing for excavation work etc. Shoring, strutting, bailing out water if necessary, dressing, leveling & hand ramming properly the bottom of foundations using wooden hand rammer with proper watering, refilling the sides of the foundation with excavated available good quality of Soil, leveling & hand ramming properly the sides of foundations using wooden hand rammer with proper watering, providing; fixing & removing necessary scaffolding / staging / platform, cleaning the work area, collecting & disposing	Cum	829	1250	-	-	10,36,250.00
			Rupees One Thousand Two Hundreds Fifty Only				

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Item No	Description	Unit	Quantity	Rate in ₹	Rebate in %	Rebated Rate	Amount in ₹
		Rate in Words					
4	the construction waste up to a lead of 2000 meters from the place of work etc. complete all as per specification and as directed by Engineer-in-charge at all locations and at all lifts & heights.	RM	18900	92	-	-	17,38,800.00
	Excavating trenches of required width for pipes, cables manually, etc not exceeding 80mm dia including excavation for sockets, and dressing of sides, ramming of bottoms, depth upto 1.0 m and 0.5m width including getting out the excavated soil, and then returning the soil as required, in layers not exceeding 20 cm in depth, including consolidating each deposited layer by ramming, watering, etc. cleaning the work area, collecting & disposing the construction waste up to a lead of 2000 meters from the place of work etc. complete all as per specification and as directed by Engineer-in-charge at all locations and at all lifts & heights.			Rupees Ninety Two Only			
5	Dismantling & removing flexible pavement bitumin courses including WBM, soling & pavers etc. by manual/mechanical means at road & drain crossing / drains walls for formation of tranches & for other miscellaneous works using suitable tools & tackles & tackles including depositing the all removed serviceable materials in sectional store at Kaiga Site, providing, fixing & removing necessary staging / platform [if required], collecting & disposing the generated & construction waste up to a lead of 2000 meters from the place of work & cleaning the work area, etc. complete all as per standard technical specification and as directed by Engineer-in-charge at all locations and at all lifts.	CuM	152	750	-	-	1,14,000.00
				Rupees Seven Hundred Fifty Only			
6	Dismantling / breaking / removing by Manual or Mechanical means PCC of all grades with both side plaster, in cement mortar & other finishes [if any] for formation of trenches & other miscellaneous works including collecting & stacking neatly; all serviceable materials [such as aggregates & reinforcement steel etc.] in sectional store at Kaiga Site, providing, fixing & removing necessary staging / platform [if required], collecting & disposing the generated & construction waste up to a lead of 2000 meters from the place of work & cleaning the work area, etc. complete all as per standard technical specification and as directed by Engineer-in-charge at all locations and at all lifts.	CuM	284	704	-	-	1,99,936.00
				Rupees Seven Hundred Four Only			
7	Dismantling / breaking / removing by Manual or Mechanical means RCC of all grades with both side plaster including stacking of steel bars, in cement mortar & other finishes [if any] for formation of trenches & other miscellaneous works including collecting & stacking neatly; all serviceable materials [such as aggregates & reinforcement steel etc.] in sectional store at Kaiga Site, providing, fixing & removing necessary staging / platform [if required], collecting & disposing the generated & construction waste up to a lead of 2000 meters from the place of work & cleaning the work area, etc. complete all as per standard technical specification and as directed by Engineer-in-charge at all locations and at all lifts.	CuM	57	1385	-	-	78,945.00
				Rupees One Thousand Three Hundred Eighty Five Only			
8	Removing by chiseling / hammering / breaking of Burnt Bricks / RCC Block-Masonry/RR masonry work by Manual/Mechanical means with both side plaster, concrete, in cement mortar & other finishes if any etc. including collecting, shifting, loading, unloading & stacking the serviceable materials in Civil Sectional Store at Kaiga, cleaning the work area and disposing the debris etc., upto a lead of 2000 meters outside work premises etc. complete all as per specification and as directed by the Engineer-in-charge at all locations and at all heights/ lifts.	CuM	284	770	-	-	2,18,680.00
				Rupees Seven Hundred Seventy Only			
9	Providing and laying PCC 1:3:6 using 40 mm & downsize, clean, crushed, well graded, aggregates of hard, durable & approved quality for foundation, plinth works including preparation of base by close hacking / chipping the old concrete / plastered surface, racking out the joints & cleaning, mixing, transporting, laying, spreading, consolidation, levelling, finishing, curing, providing, fixing & removing necessary formwork, providing, fixing & removing staging / platform / ladder, collecting & disposing the generated waste, construction waste up to a lead of 2000 meters from the place of work & cleaning the work area, etc. complete all as per standard technical specification, drawing [if any] and as directed by Engineer-in-charge at all locations and at all lift / height. NOTE: OPC 43 grade cement shall be used.	CuM	12	7850	-	-	94,200.00
				Rupees Seven Thousand Eight Hundred Fifty Only			

Item No	Description	Unit	Quantity	Rate in ₹	Rebate in %	Rebated Rate	Amount in ₹
Rate in Words							
10	Providing and laying PCC M15 using 20 mm & down size clean, crushed, well graded, aggregates of hard, durable & approved quality for foundation, plinth works including preparation of base by close hacking / chipping the old concrete / plastered surface, racking out the joints & cleaning, mixing, transporting, laying, spreading, consolidation, levelling, finishing, curing, providing; fixing & removing necessary formwork, providing, fixing & removing staging / platform / ladder, collecting & disposing the generated waste, construction waste up to a lead of 2000 meters from the place of work & leaning the work area, etc. complete all as per standard technical specification, drawing [if any] and as directed by Engineer-in-charge at all locations and at all lift / height. NOTE: OPC 43 grade cement shall be used.	CuM	190	8700	-	-	16,53,000.00
			Rupees Eight Thousand Seven Hundreds Only				
11	Providing and laying [in layers] of murrum / gravel in low laying areas, berms, foundation etc. to the required line, level, width, slope / gradient & camber etc. with good and selected quality of murrum / gravel brought from the borrow pits [murrum / gravel shall be free from roots, stones, boulders, pebbles, leaves, unwanted material etc.], sprinkling of water & ramming the laid each layer using wooden hand rammer, base shall be fully neat & clean, providing; fixing & removing necessary staging / platform / ladder [if required], collecting & disposing the generated waste, construction waste up to a lead of 2000 meters from the place of work & cleaning the work area, etc. complete all as per standard technical specification and as directed by Engineer-in-charge at all locations and at all lifts / heights.	CuM	3498	450	-	-	15,74,100.00
			Rupees Four Hundreds Fifty Only				
12	Providing, placing and removing formwork for all In-Situ Concrete Works such as foundation, raft, columns, beams, slab, footings, all other miscellaneous RCC works including providing; fixing & removing necessary staging / platform / ladder, preparation of base, collecting & disposing the generated waste, construction waste up to a lead of 2000 meters from the place of work & cleaning the work area, etc. complete all as per standard technical specification, drawing [if any] and as directed by Engineer-in-charge at all locations and at all lift / height. Note: The measurement for the form work will be actual area of form in contact with the concrete surfaces.	SqM	765	395	-	-	3,02,175.00
			Rupees Three Hundreds Ninety Five Only				
13	Providing and laying approved make high yield strength deformed Reinforcement bars of all dia meters conforming to grade Fe -550/550D of IS:1786 [latest edition] including cutting, bending, transporting, placing in position & 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 2000 meters from the place of work & cleaning the work area, etc. complete all as per standard & manufacturers technical specification, drawing [if any] and as directed by Engineer-in-charge at all locations and at all lift / height. Note: The rate shall be inclusive of Binding wire and cover blocks and will not be measured separately for payment.	MT	35	100000	-	-	35,00,000.00
			Rupees One Lakh Only				
14	Providing and laying RCC M30 using 20 mm & downsize clean, crushed, well graded, aggregates of hard, durable & approved quality for foundation, rafts, footings, plinth, columns, beams, slabs, Chejjas, Lintels & for all insitu concrete works including preparation of base by close hacking / chipping the old concrete / plastered surface, racking out the joints & cleaning, mixing, transporting, laying, spreading, consolidation, levelling, finishing, curing, providing; fixing & removing necessary providing, fixing & removing staging / platform / ladder, collecting & disposing the generated waste, construction waste up to a lead of 2000 meters from the place of work & leaning the work area, etc. complete all as per standard technical specification, drawing [if any] and as directed by Engineer-in-charge at all locations and at all lift / height. NOTE: OPC 43 grade cement shall be used.	CuM	483	9450	-	-	45,64,350.00
			Rupees Nine Thousand Four Hundred Is Fifty Only				
	Providing & Constructing R. R. Masonry using Stone Boulders, Stone chips, Through / bond Stones [as per standard technical specification, through / bond Stones shall be used in RR masonry work], in CM 1:5 for						

Item No	Description	Unit	Quantity	Rate in ₹	Rebate In %	Rebated Rate	Amount in ₹
Rate in Words							
15	foundation & plinth and other miscellaneous RR masonry works of foundation & plinth, masonry work shall be carried out as per relevant BIS specification of latest edition, including simultaneous flush pointing, preparation of base by close hacking / chipping the old concrete & plastered surfaces, racking out the masonry joints & cleaning, providing, fixing & removing necessary staging / platform, ladder, collecting & disposing the generated waste, up to a lead of 500 mtrs. from the place of work & cleaning the work area, etc. complete all as per standard technical specification, drawing [if any] and as directed by Engineer-in-charge at all locations & lifts / heights.	CuM	11	8950	-	-	98,450.00
			Rupees Eight Thousand Nine Hundreds Fifty Only				
16	Providing and laying 230 mm thick Stone Seling below floor & foundations bed etc. using hard, durable & approved quality stones, rubbles, filling interstices using small size stones, stone chips, murum & watering [to fill up all gaps] etc. including preparation of base properly, levelling, dressing & hand ramming, providing, fixing & removing necessary staging / platform / ladder, collecting & disposing the generated waste, construction waste up to a lead of 2000 meters from the place of work & cleaning the work area, etc. complete all as per standard technical specification, drawing [if any] and as directed by Engineer-in-charge at all locations and at all lift / height.	CuM	117	2950	-	-	3,45,150.00
			Rupees Two Thousand Nine Hundreds Fifty Only				
17	Providing & Constructing Masonry with approved C. C. Solid Blocks of size 400 X 200 X 200 mm, having crushing strength not less than 45Kgs/cm2 and conforming to the BIS 2185 part-I of the latest edition, in CM 1:5 for foundation [plinth, drains, walls & repair works etc.] & superstructure [walls & repair works etc.] and all other miscellaneous masonry works for foundation & superstructure etc. Including simultaneous flush pointing, preparation of base by close hacking / chipping the old concrete / plastered surface, racking out the joints & cleaning, providing, fixing & removing necessary staging / platform / ladder, Curing, cleaning the work area, collecting & disposing the generated waste, construction waste up to a lead of 2000meters from the place of work & cleaning the work area, etc. complete all as per standard technical specification, drawing [if any] and as directed by Engineer-in-charge at all locations and at all lift / height.	CuM	21	9540	-	-	2,00,340.00
			Rupees Nine Thousand Five Hundreds Forty Only				
18	Providing and laying Internal Cement Plaster 15 mm thick in CM 1:5 to the masonry & concrete surfaces [new, old repair & rectification] etc., rubbed perfectly so as to obtain smooth & even finish including preparation of base by close hacking / chipping the old surface, racking out the joints & cleaning, curing, providing, fixing & removing necessary staging / platform / ladder, cleaning the work area, collecting & disposing the generated waste, construction waste up to a lead of 2000 meters from the place of work & cleaning the work area, etc. complete all as per standard technical specification, drawing [if any] and as directed by engineer-in-charge at all locations and at all lift / height.	SqM	922	385	-	-	3,54,970.00
			Rupees Three Hundreds Eighty Five Only				
19	Providing, laying concrete & in position / Placing of RCC Pre-Cast drain Slabs / drain Covers made out of RCC 1:2:4 casting with slots / as directed by the Engineer-in-charge of 75 mm. thickness including mixing, transporting, laying, spreading, consolidating, leveling, smooth finishing the all exposed faces, providing, fixing & removing necessary formwork curing properly, Providing and tying reinforcement Steel Bars for RCC pre-cast covers / slabs of approved quality [Fe-500 steel bars shall be conforming to the BIS 1786 - of the latest edition] sealing the joints in CM 1:2, Stacking of debris upto lead of 1000 mtrs. etc. complete all as per specification and as directed by the Engineer-in-charge at all locations. Note: 1] Providing and tying approved make reinforcement Steel will be measured & paid under item No. 13. 2] Precast slabs cured properly & placed in position after 28 days from date of casting.	SqM	48	1200	-	-	57,600.00
			Rupees One Thousand Two Hundreds Only				
	Providing, fabricating and erecting Mild Steel Structural items [of various thickness & sizes] such as channels, angles, MS pipes, GI Pipes, flats, plates and other approved sections etc. & transporting to the work spot(s) / place(s) including loading, unloading, cutting, fabricating the MS gates, fencing posts & struts, hand rails, angle frames, cattle traps, purlins, rafters, columns, beams & all other miscellaneous new & modification [to the existing structural steel works] and fixing / erecting the same in position as directed.						

Name of Work: Construction of Environmental Radiation Monitors (ERM) & Automatic Weather Stations (AWS) and other associated works at various locations at Plant Site, Kaiga.								Agency Name : M/s shivakumar co	
WO / SOQR Number : 102175									
Item No	Description	Unit	Quantity	Rate in ₹	Rebate in %	Rebated Rate	Amount in ₹		
		Rate in Words							
20	approved quality of Hilly Bolts / anchor bolts shall used [if required], rate shall be inclusive of all required consumables & miscellaneous materials / things, providing & painting one coat of approved Primer of Asian Paints / Berger Make and Two coats of first quality synthetic enamel paint of Asian Paints / Berger Make, of approved shade / colour, MS Steel, Primer, Paint & Other all required materials which are going to be used for this work shall be confirming to the relevant BIS specification of latest edition, preparation of base properly, collecting & stacking the construction waste / dead debris & unwanted materials / things up to a lead of 1000 meters from the place of work etc., complete all as per specification, as per manufacturer's specification and as directed by the Engineer-in-charge at all locations and at all lifts / heights	MT	21	151050	-	-	31,72,050.00		
		Rupees One Lakh Fifty One Thousand Fifty Only							
21	Providing and fixing 4mm dia [to achieve outer dia 5mm] thick PVC Coated [of standard make and colour/shade-as per site requirement & as selected by engineer-in-charge] chainlink fabric fence of mesh opening 50 X 50 mm including reinforcing with GI wires [of 1st quality & of standard make] of 8 gauge at top, middle and bottom [total 3 rows], fixing chain link mesh to the existing RCC / GI / MS Pipes / fencing posts & fencing struts using MS flats [20 X 6 mm. thick] and 8 mm. dia and 110 mm. long self threading screws [GI] with rounded head, GI chain link fence / fabric shall be confirming to relevant BIS specification of latest edition, including preparation of base, removing the existing [if any], providing, fixing & removing necessary staging / platform / ladder, collecting & disposing the generated waste, construction waste up to a lead of 2000 meters from the place of work & cleaning the work area, etc. complete all as per standard & manufacturers technical specification, drawing [if any] and as directed by engineer-in-charge at all locations and at all lift / height.	SqM	567	845	-	-	4,79,115.00		
		Rupees Eight Hundreds Forty Five Only							
22	Providing & laying NP3 Class, RCC, Hume Pipes of 300 mm dia [of superior 1st quality, of standard make & confirming relevant BIS specification of latest edition] including lowering, levelling, aligning to the true line & level, joining the Pipes in CM 1:2 using jute & cement slurry, making the joint/s fully water tight, curing,, providing, fixing & removing necessary staging / platform / ladder, preparation of base [before laying pipes] & joining pipes, pipes shall be free from the cracks & any damages, collecting & disposing the generated waste, up to a lead of 2000mtrs. from the place of work & cleaning the work area, etc. complete all as per standard & manufacturers technical specification, drawing [if any] and as directed by Engineer-in-charge at all locations & lifts.	RM	378	1050	-	-	3,96,900.00		
		Rupees One Thousand Fifty Only							
23	Providing and laying approved pattern cement tiles in excavated trenches with proper levelling of sand course of total thickness 150mm thick the tiles shall be of size 300 mm X 300 mm X 20mm thick of superior 1 st quality, of standard make and of shade/ colour as per site requirement & as selected by Engineer-in-charge, preparation of base by levelling, cleaning, curing, collecting & disposing the generated waste, construction waste up to a lead of 2000 meters from the place of work & cleaning of work area, etc. Complete all as per standard & manufacturers technical specification and as directed by Engineer-in-charge at all locations and at all lift/height.	SqM	8925	320	-	-	28,56,000.00		
		Rupees Three Hundreds Twenty Only							
24	Providing and laying 4 core 2.5 sq mm power cable [Copper Armoured] with copper conductor 650/1100 V of superior 1 st quality, of standard make confirming to IS:7098(Pt-1) 1988 and as per site requirement & as selected by Engineer-in-charge, preparation of base by levelling, cleaning, curing, collecting & disposing the generated waste, construction waste up to a lead of 2000 meters from the place of work & cleaning of work area, etc. Complete all as per standard & manufacturers technical specification and as directed by Engineer-in-charge at all locations and at all lift/height.	RM	5670	201	-	-	11,39,670.00		
		Rupees Two Hundreds One Only							
25	Providing and Laying HDPE 2" dia pipe of 3mm th, collecting Fibre Optic cables from dept. main store and laying it inside the HDPE 2" dia pipe, in the excavated trenches as per site requirement & as instructed by Engineer-in-charge, preparation of base by levelling, cleaning, curing, collecting & disposing the generated waste, construction waste up to a lead of 2000 meters from the place of work & cleaning of work area, etc.	RM	17850	85	-	-	15,17,250.00		

CoManas									
Name of Work: Construction of Environmental Radiation Monitors (ERM) & Automatic Weather Stations (AWS) and other associated works at various locations at Plant Site, Kaiga.									
WO / SOQR Number : 102175									
Agency Name : M/s shivakumar co									
Item No	Description	Unit	Quantity	Rate in ₹	Rebate in %	Rebated Rate	Amount in ₹		
		Rate in Words							
	Complete all as per standard & manufactures technical specification and as directed by Engineer-in-charge at all locations and at all lifts/heights. Note: Only Fibre Optic cables shall be provided from Departmental Main store.								
26	Supply of 600 mm dia GI punched tape Concertina Coil [each coil weight shall not be less than 7.00 Kgs (+/- 5%) as per standard technical specification, as per drawing [if any], as per manufacturers standard technical specification and as directed by the Engineer-in-charge at all locations & at all heights & lifts.	RM	3150	260	-	-	8,19,000.00		
	Providing and fixing of wooden wall panelling over the GI channel gridwork, consisting of 12MM thick marine plywood, 4MM thick veneer with Polishing in high gloss/matt finish melamine clear polish on wood work in required color/wooden shade texture with following process in the sequence as detailed: 1] The surface to be polished is rubbed with sand paper 80/120 no. and then with sand paper of 160/180 no. 2] Applying two coats of sealer with spray gun and allowing sufficient drying time for 1st coat and 2nd coat is allowed to dry for 8 to 12 hrs. 3] On drying of sealer coat, wet rubbing with emery cloth of finer grading with ample water to remove excess sealer layer and make the surface further smooth after this wet rubbing, then surface is applied with special grade melamine fillers to fill all the small and big holes/grooves etc. Filler coat to be allowed to dry for 4 to 6 hrs on which again a light wet rubbing is done this surface is further allowed to dry for 12 hrs. 4] On this, 1st coat of melamine polish is applied with spray gun using melamine clear polish and melamine thinner in required proportion. This 1st coat is allowed to dry for 24 hrs then this dry surface is again fine wet rubbed smooth, which is further allowed to dry for 12 hrs. The final melamine polish is applied with compressor pressure spray gun using melamine clear polish and melamine thinner mixed in required proportion complete as per direction of Engineer-in-Charge. (Final coat to be done in 1 or 2 layers without gap of time) The window edges/ wall corners shall be finished with teak wood beading and false ceiling border with POP moulding wherever damaged to be replaced, providing, fixing & removing necessary staging / platform / ladder , collecting & disposing the generated waste, construction waste up to a lead of 2000 meters from the place of work & cleaning the work area, etc. complete all as per standard & manufacturers technical specification and as directed by Engineer-in-charge at all locations, lifts & heights.	SqM	60	6300	-	-	3,78,000.00		
27		Rupees Six Thousand Three Hundreds Only							
28	Supply of FIS EM Plus 585 S Chemical of 585ml for anchoring make confirming to the relevant BIS specification of the latest editions and as directed by Engineer-in-charge	Nos	5	7227	-	-	36,135.00		
		Rupees Seven Thousand Two Hundreds Twenty Seven Only							
29	Supply of FIS AK Gun for 585ml Chemical for anchoring make confirming to the relevant BIS specification of the latest editions and as directed by Engineer-in-charge	Nos	1	7900	-	-	7,900.00		
		Rupees Seven Thousand Nine Hundreds Only							
30	Supply of fully threaded Rod for chemical anchor with Nut and Washer of Fischer make confirming to the relevant BIS specification of the latest editions and as directed by Engineer-in-charge. Note: Test certificate shall be provided with anchor bolt.								
30.1	RGM 10 x 130	Nos	8	257	-	-	2,056.00		
		Rupees Two Hundreds Fifty Seven Only							
30.2	RGM 12 x 250	Nos	6	462	-	-	2,772.00		
		Rupees Four Hundreds Sixty Two Only							
30.3	RGM 16 x 300	Nos	10	1075	-	-	10,750.00		

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CoManas Name of Work: Construction of Environmental Radiation Monitors (ERM) & Automatic Weather Stations (AWS) and other associated works at various locations at Plant Site, Kaiga.				Agency Name : M/s shivakumar co			
WO / SOQR Number : 102175							
Item No	Description	Unit	Quantity	Rate in ₹	Rebate in %	Rebated Rate	Amount in ₹
		Rate in Words					
		Rupees One Thousand Seventy Five Only					
31	Supply of Mechanical Anchor with Nut and Washer of Fischer make conforming to the relevant BIS specification of the latest editions and as directed by Engineer-in-charge Note: Test certificate shall be provided with anchor bolt.						-
31.1	FAZ II Plus 10 x 135	Nos	7	298	-	-	2,086.00
		Rupees Two Hundreds Ninety Eight Only					
31.2	FAZ II Plus 12 x 180	Nos	6	575	-	-	3,450.00
		Rupees Five Hundreds Seventy Five Only					
31.3	FAZ II Plus 16 x 223	Nos	12	1010	-	-	12,120.00
		Rupees One Thousand Ten Only					
32	Supply of 30mm dia x 1635mm long foundation anchor bolt of 5.6 grade as per IS 5624:1983 and hot dipped galvanized washer (01 nos) and nut (2 nos) as per IS:1367(Part-13), complete as per specification and drawings and as directed by Engineer-in-charge Note: Test certificate shall be provided with anchor bolt.	Nos	6	100	-	-	600.00
		Rupees One Hundreds 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. 2,91,06,325.00
Overall Rebate (%)	0
Work Order Value After Overall Rebate in Figure	Rs. 2,91,06,325.00
Work Order Value After Overall Rebate in Words	Rupees Two Crore Ninety One Lakh Six Thousand Three Hundreds Twenty Five Only

12-12-2025

VISHWESH RATH

DCM, C&MM - Works Group

