



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

Phone: +91 8382 264002, Fax: +91 8382 264025, vkthakur@npcil.co.in Website: www.npcil.nic.in

Head, CTC, NPCIL, Kaiga Site, Kaiga-581 400, Tq: Karwar, Dist: Uttara Kannada, State: Karnataka



TECHNOLOGIES FOR
NEW INDIA@75

आज़ादी का अमृत महोत्सव

Ref: NPCIL/KGS/CTC/CPPP-021/192645_1/WO/2024/ 972

Date: 02-08-2024

To:

M/s KVR Construction Heights Pvt. Ltd.
Opp. Sri Vasavi Kannika
Parameshwari Temple, Ground
Floor, No. 91, 3rd Cross Road,
Srirampuram, Bengaluru, Bengaluru
Urban, Karnataka, 560021

Work Order No.	:	102114
S.L. Code	:	K0120102114
Account Code	:	14265
Charge Code	:	9953
MSME	:	NA

Kind Atten: Shri Kanala Venkatarami Reddy, MD

Cell No.: 91-8497089999

E-mail ID: kvrheightspvtltd@gmail.com

WORK ORDER NO.: 2024_NPCIL_192645_1/06000/WO

Name of work: "Construction of 1 MLD capacity Water Treatment Plant at
Kaiga Township, Mallapur."

Ref: 1) Tender No.: CPPP/2024/021/2024_NPCIL_192645_1
2) Last date of submission of tender is 30.04.2024
3) MOM for negotiation: NPCIL/KGS/ CTC/2024/ MOM/347, dated: 05.07.2024

Dear Sir

1) BID ACCEPTANCE:

1.1 This is to inform you that, the bid submitted by you and subsequently modified vide Ref. 3 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 ₹. **6,23,48,421/-** (Rupees Six Crore, Twenty-three Lakhs, Forty-eight thousand four hundred twenty-one only) inclusive of all applicable taxes and including 18% GST.

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.

[Handwritten Signature]

2.2

Item No.	% variation (+)	Unit	Est. Rates in Rs.	Quoted Rates in Rs.	Negotiated Rates in Rs.
Part-A: 30	102.08	RM	480	970	595
Part-B: 2	32.93	Kg	246	327	305

AHR Items: Nil & ALR Item: Part-A: Item Nos. 6 & 27 (2Nos.) (After Negotiation)

(MOM No.: NPCIL/KGS/ CTC/2024/ MOM/347, dated: 05.07.2024)

2.3 Payment to the manpower deployed for this work shall be made as specified in the tender.

3) CONTRACT PRICE ADJUSTMENT:

Escalation of payment shall be applicable as per **Sl. No.: 21** of Schedule – A.

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 work man like 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 **547 Calendar Days** (including monsoon period) from the date of commencement. The date of commencement of work will be **16.08.2024**. 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 is 12 months - **Sl. No.: 18** of Schedule - A.

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 the whole contract value inclusive of GST.

Handwritten signature and date 31/7/24

- a) **CAR policy for the whole contract value** – Applicable as per Schedule A
- b) **The Insurance amount should cover THIRD PARTY LIABILITY to 10% of Contract value subjected to maximum of Rs. 50.00 Lakhs.** – Applicable as per Schedule A
- c) **Employees State Insurances for contract workers.** – Applicable as per Schedule A
- 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 **engineer-in-charge of work**, before commencement of the work.

8) TAXES & DUTIES:

For tax related compliance (including TDS) refer Supplement/ Amendment to GCC (Additional document pg no.:291/346).

9) ENGINEER-IN-CHARGE:

Shri P.F. Pandit, OIC, C&SM-1&2, 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 will be ₹. **62,34,842/-** (including GST), (Rupees Sixty-five Lakhs, Ninety-one thousand Two hundred and fifty only)

10.1 Performance Guarantee: (This clause revised on 09.12.2022)

As per **Clause No.: 4.2.3** of GCC you shall submit a performance guarantee for ₹. **31,17,421/-** (50% of Security Deposit) to the Corporation within 30 days after issue of work order. It should cover the contract period plus Defects Liability period. In case, the Bank Guarantee need to be submitted as per the format given in 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 ₹. **31,17,421/-** 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 **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.

11.3 The contractor shall make the payment to all its labours on or before 7th of succeeding month and as per 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 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 submission of Intimation from Tender Section regarding Work order acceptance & agreement signed by the contractor, Insurance Policies, copy of PAN, GST Registration Certificate, cancelled cheque for bank account details etc., to the Engineer-in-charge.

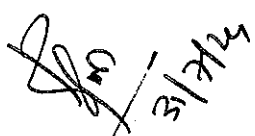
13) PENALTY & LIQUIDATED DAMAGES CLAUSE:

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.

You shall submit the Police Verification Certificate [PVC] for you, your staff and labour; as a pre-condition to issue of RFID cards / Gate Passes [if applicable].



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 KVR Construction Heights Pvt. Ltd., will be executed within the period 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 KVR Construction Heights Pvt. Ltd.

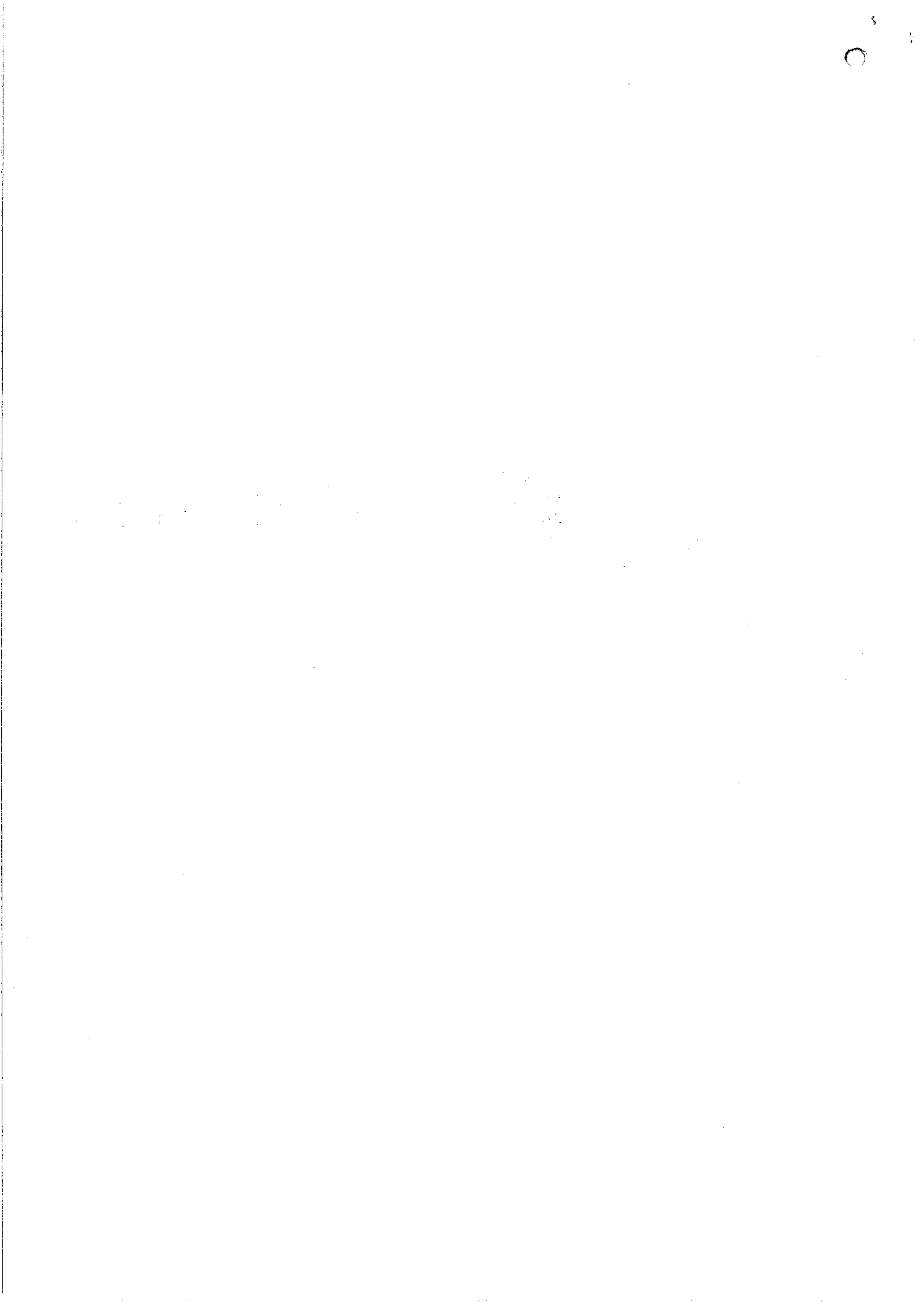
Kindly acknowledge receipt of this Work Order.

Thanking you,

Yours faithfully
For and on behalf of NPCIL


31/7/24
11/08/2024


02/08/2024,
अनुरक्षण अधीक्षक, (केजीएस # 1 व 2)
Maintenance Superintendent, (KGS # 1&2)



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



Print Date: 31-Jul-2024

Name of Work: Construction of 1 MLD capacity Water Treatment Plant at Kaiga Township, Mallapur. WO / SOQR Number : 102114								Agency Name : M/s KVR Construction Heights Pvt. Ltd.			
Co	Item No		Description		Unit	Quantity	Rate in ₹	Rebate in %	Rebated Rate	Amount in ₹	
							Rate in Words				
	Schedule : SMU:ACivilWorks										
1			Earth work excavation for pipeline trenches, valve chambers & thrust blocks in all kinds of soils by mechanical means above 600 mm trench width as per drawing and technical specifications, including setting out, construction of shoring, strutting, barricading, caution lights, bracing, using sight rails & boning rods at every 100 mm wherever necessary as directed, removal of stumps and other deleterious matter, dressing of sides and levelling the bottom of trench to the extent required , utilising the available excavated earth locally for the work etc., and all other appurtenances complete in the following strata, in all kinds of soils depth upto 1.50 m.		CuM	2240	247	-	-	5,53,280.00	
						Rupees Two Hundreds Forty Seven Only					
2			Earth work excavation for Foundation by mechanical means for all works , as per drawing and technical specifications, including setting out, shoring, strutting, barricading, caution lights, including dressing of excavated surfaces, disposing off or levelling the excavated earth or sorting & stacking the selected earth for reuse in a radius of 50 m and lift upto 1.5 m including cost of labour, tools, usage of machinery & other appurtenances required to complete the work as per direction of Engineer-In-charge.		CuM	3300	334	-	-	11,02,200.00	
						Rupees Three Hundreds Thirty Four Only					
2.1			0 m ele to (-) 1.50 m ele		CuM	1200	365	-	-	4,38,000.00	
						Rupees Three Hundreds Sixty Five Only					
2.2			(-) 1.50 m ele to (-) 3.00 m ele		CuM	410	385	-	-	1,57,850.00	
						Rupees Three Hundreds Eighty Five Only					
2.3			(-) 3.00 m ele to (-) 4.50 m ele		CuM	160	385	-	-	61,600.00	
						Rupees Three Hundreds Eighty Five Only					
2.4			(-) 4.50 m ele to (-) 6.00 m ele		CuM	200	994	-	-	1,98,800.00	
						Rupees Nine Hundreds Ninety Four Only					
3			Cutting asphalt Road & Cement Concrete Road surface by Machine cutting to demarcate the trench width of the surface and completing etc., as directed by Engineer-In-Charge.		CuM	200	2600	-	-	5,20,000.00	
						Rupees Two Thousand Six Hundreds Only					
4			Construction of Granular Sub-Base of required grading as per design spreading in uniform layers with motor grader on prepared surface mixing by mix in place method with front end loader at OMC and compacting with vibratory roller to achieve the desired density, complete as per clause 401 of MORTH & Highway specification. Grade-VI material. The grading for GSB material may be adopted as per design IRC-37:2018.		CuM	200	2600	-	-	5,20,000.00	
						Rupees Two Thousand Six Hundreds Only					

21/8/24

Co		Name of Work: Construction of 1 MLD capacity Water Treatment Plant at Kaiga Township, Mallapur. WO / SOQR Number : 102114				Agency Name : M/s KVR Construction Heights Pvt. Ltd.			
Item No	Description	Unit	Quantity	Rate in ₹	Rebate in %	Rebated Rate	Amount in ₹	Rate in Words	
5	Providing, laying, spreading and compacting graded stone aggregate to wet mix macadam specification including premixing the Material with water at OMC in mechanical mix plant carriage of mixed Material by tipper to site, laying in uniform layers with paver/grader in sub-base / base course on well prepared surface and compacting with vibratory roller to achieve the desired density, complete as per clause 406 of MORTH & Highway specification. (Plant mix method)	CuM	200	2681	-	-	5,36,200.00	Rupees Two Thousand Six Hundreds Eighty One Only	
6	Providing and applying primer coat with SS1 grade Bitumen Emulsion on prepared surface of granular base including cleaning of road surface and spraying primer at the rate of 0.90 kg per m2 using mechanical means.	SqM	1000	36	-	-	36,000.00	Rupees Thirty Six Only	
7	Providing and laying Semi Dense Bituminous Concrete with 40/60 TPH capacity hot mix plant batch type using crushed aggregates of specified grading premixed with bituminous binder VG-30 @ 5% by weight of mix and filler, transported to site, laid over a previously prepared surface with mechanical paver finisher to the required grade, level and alignment and rolled as per MoRTH V revision.	CuM	75	11848	-	-	8,88,600.00	Rupees Eleven Thousand Eight Hundreds Forty Eight Only	
8	Refilling available earth around trenches/pipelines, cables in layers not exceeding 20 cms in depth, compacting each deposited layer by ramming after watering with a lead upto 50 m , and lift upto 1.5 m. Including cost of all labour complete as per specifications and as directed by Engineer-In-Charge.	CuM	2700	137	-	-	3,69,900.00	Rupees One Hundreds Thirty Seven Only	
9	Providing, Laying and Fixing GI pipes conforming to IS 1239:1990 with latest amendments complete with GI fittings (including the cost of fittings) with cuts and threads wherever necessary, including testing for water tightness, with all lead and commissioning. Heavy Duty GI pipe of 50mm dia	RM	20	775	-	-	15,500.00	Rupees Seven Hundreds Seventy Five Only	
10	Supplying and fixing 40mm dia. GI pipe medium duty pipes hand railing 3 rows fixed to RCC 1:2:4 vibrated post of 150x150mm at bottom and 100x150mm at top, placed at not more than 2 Mtrs. intervals for a height of 750mm including curing, painting GI pipes with two coats of anticorrosive steel paint over a primer coat etc. with all lead lift etc. (The rate per meter is for 3 rows of GI pipes and RCC post)	RM	280	1230	-	-	3,44,400.00	Rupees One Thousand Two Hundreds Thirty Only	
11	Providing and laying in position plain cement concrete (PCC) for levelling course for all works in foundation including shutterings. 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 of steel reinforcement shall be paid separately).								
11.1	Mix 1:3:6, using 40 mm nominal size graded crushed coarse aggregates	CuM	80	6418	-	-	5,13,440.00	Rupees Six Thousand Four Hundreds Eighteen Only	
11.2	Mix 1:1.5:3, using 20 mm nominal size graded crushed coarse aggregates	CuM	85	7399	-	-	6,28,915.00	Rupees Seven Thousand Three Hundreds Ninety Nine Only	
12	Providing and laying in position Reinforced cement concrete (RCC) of various Mix, Using 20 mm nominal size graded crushed coarse aggregates, for all Foundation works including shutterings. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticizers laid in finished layers, well compacted using needle vibrators, including all lead & lifts, cost of all materials, quality conforming to the requirements of relevant IS codes , labour, Usage charges of machinery, curing and all the other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement to be paid separately).								

31/7/24

Name of Work: Construction of 1 MLD capacity Water Treatment Plant at Kaiga Township, Mallapur. WO / SOQR Number : 102114				Agency Name : M/s KVR Construction Heights Pvt. Ltd.				
Item No	Description	Unit	Quantity	Rate in ₹	Rebate in %	Rebated Rate	Amount in ₹	
		Rate in Words						
12.1	M20 Design Mix	CuM	35	6944	-	-	2,43,040.00	
			Rupees Six Thousand Nine Hundreds Forty Four Only					
12.2	M25 Design Mix	CuM	35	7203	-	-	2,52,105.00	
			Rupees Seven Thousand Two Hundreds Three Only					
12.3	M 30 Design Mix	CuM	215	7743	-	-	16,64,745.00	
			Rupees Seven Thousand Seven Hundreds Forty Three Only					
13	Providing and laying in Reinforced cement concrete for all Basement & surface level works, return walls, retaining walls, sunken floors etc, including shutterings. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasti cisers, laid in layers not exceeding 150 mm thickness, well compacted using needle vibrators, providing weep holes wherever necessary, in cluding all lead & lifts, cost of all materials of quality, labour, Usage charges of machinery, curing and all other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement to be paid separately). M25 Design Mix Using 20 mm nominal size graded crushed coarse aggregates	CuM	42	7676	-	-	3,22,392.00	
			Rupees Seven Thousand Six Hundreds Seventy Six Only					
14	Providing and laying in position Reinforced cement concrete M30 Design Mix for vertical side walls, effluent channel baffle walls, plinth beams, retaining walls, columns, roof beams, roof slabs, side walls, chejjas, stair case, main & secondary beams, columns below and above ground level, top cover flat slab, top dome etc., including shutterings. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers laid in layers, well compacted using needle vibrators, including all lead & lifts, cost of all materials of quality, confirming to the requirements of relevant IS codes with plastering and smooth finishing the exposed faces in cement mortar 1:3, 20 mm thick for inside with an admixture of water proof compound of requisite proportion of approved quality, labour,centering, scaffolding, strutting, plywood/ steel form work , Usage charges of machinery, curing and all other appurtenances required to complete the work as per design and technical specifications. (Contractor will make his own arrangements for procuring water for testing). (The cost of steel reinforcement to be paid separately). (Minimum cement content: 360 kgs (7.20 bags).	CuM	5	10198	-	-	50,990.00	
14.1	Plinth Beams		Rupees Ten Thousand One Hundreds Ninety Eight Only					
14.2	Retaining walls	CuM	25	8028	-	-	2,00,700.00	
			Rupees Eight Thousand Twenty Eight Only					
14.3	Columns above and below ground level.	CuM	25	13070	-	-	3,26,750.00	
			Rupees Thirteen Thousand Seventy Only					
14.4	Vertical side walls, effluent channel baffle walls	CuM	215	13200	-	-	28,38,000.00	
			Rupees Thirteen Thousand Two Hundreds Only					

800
31/12/14

Co		Name of Work: Construction of 1 MLD capacity Water Treatment Plant at Kaiga Township, Mallapur. WO / SOQR Number : 102114			Agency Name : M/s KVR Construction Heights Pvt. Ltd.		
Item No	Description	Unit	Quantity	Rate in ₹	Rebate in %	Rebated Rate	Amount in ₹
				Rate in Words			
14.5	Main and secondary beams below and above ground level	CuM	30	9377	-	-	2,81,310.00
			Rupees Nine Thousand Three Hundreds Seventy Seven Only				
14.6	Side walls	CuM	17	11082	-	-	1,88,394.00
			Rupees Eleven Thousand Eighty Two Only				
14.7	Roof Beams	CuM	17	12320	-	-	2,09,440.00
			Rupees Twelve Thousand Three Hundreds Twenty Only				
14.8	Roof slabs	CuM	44	11455	-	-	5,04,020.00
			Rupees Eleven Thousand Four Hundreds Fifty Five Only				
14.9	Chejjas & Stair cases	CuM	12	10968	-	-	1,31,616.00
			Rupees Ten Thousand Nine Hundreds Sixty Eight Only				
14.11	Top dome	CuM	16	17473	-	-	2,79,568.00
			Rupees Seventeen Thousand Four Hundreds Seventy Three Only				
14.10'	Flat or sloping floor slabs	CuM	48	13152	-	-	6,31,296.00
			Rupees Thirteen Thousand One Hundreds Fifty Two Only				
15	Providing Thermo-Mechanically Treated bars of grade Fe-550/ 550D Steel reinforcement for R.C.C. works at all elevations including straightening, cutting, bending, placing in position, binding and anchoring to adjacent members wherever necessary complete as per Design including cost of material, labour, usage charges complete as per specifications. (The laps and wastages shall not be measured separately)	MT	95	99999	-	-	94,99,905.00
			Rupees Ninety Nine Thousand Nine Hundreds Ninety Nine Only				
16	Providing and applying One Coat of Exterior Grade Primer of asian paints / Berger paints / dulux Paint / nerolac paints and Two Coats of Exterior Grade weather & water Proof Paint, of asian paints [Such as Apex Altima] / Berger paints [Such as weather coat alguard] / ICI dulux paint [Such as weather shieldmax] / nerolac paints [Such as Excel Total], of approved shade / colour for New / old Surfaces of concrete or masonry wall, RCC members such as columns; beams & other concrete surfaces including providing & filling Crack Sealing Compound [of approved make & quality] in the cracks, preparation of surfaces by sand papering & Pressured Water Jet machine, cleaning the surface, surface shall be neat; clean & dry before application of crack sealing compound; primer, paint & crack sealing compound shall be confirming relevant BIS specification, providing; fixing & removing necessary staging / platform / ladder, collecting & disposing the generated waste up to a lead of 2 to 3 kms. 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	2000	74	-	-	1,48,000.00
			Rupees Seventy Four Only				
17	Providing and fixing MS inspection door of size 60 cms x 60 cms, including MS frame made of 50x50x6mm angle, shutters made of 3mm thick MS sheets, with hinges, locking arrangements at top etc. including painting with anticorrosive epoxy paint etc. complete including all lead and lifts etc.	Each	8	2364	-	-	18,912.00
			Rupees Two Thousand Three Hundreds Sixty Four Only				

15/11/2020

Item No	Description	Unit	Quantity	Rate in ₹	Rebate in %	Rebated Rate	Amount in ₹
				Rate in Words			
18	Ladder inside the container: Providing anodized aluminium ladder using 65mm x 32mm x 3.0mm 'C' section for ladder side channel x 25mm dia., flutal pipe for Rungs at 250mm c/c ladder fixed at an angle of 70 degrees to horizontal including necessary 25mm dia., G.I. shutters with necessary G.I. fasteners for bracing the ladders to the Tank walls to prevent buckling of the ladder with necessary (M-15) bed for embedding the ladder bottom complete.	RM	42	5712	-	-	2,39,904.00
			Rupees Five Thousand Seven Hundreds Twelve Only				
19	Supplying and fixing rolling shutters of approved make, made of required size M.S. laths, interlocked together through their entire length and jointed together at the end by end locks, mounted on specially designed pipe shaft with brackets, side guides and arrangements for inside and outside locking with push and pull operation complete, including the cost of providing and fixing necessary 27.5 cm long wire springs manufactured from high tensile steel wire of adequate strength conforming to IS: 4454 - part 1 and M.S. top cover of required thickness for rolling shutters. 80x1.25 mm M.S. laths with 1.25 mm thick top cover including cost of materials, labour, usage charges of machinery complete as per specifications and as per directions of the Engineer-in-Charge.	SqM	20	2811	-	-	56,220.00
			Rupees Two Thousand Eight Hundreds Eleven Only				
20	Providing & fixing of 2.5 track x 2-panel sliding windows made out of multi chambered UPVC(Matching to RAL-9016) sections and with minimum TiO2(Titanium Dioxide) at 6PHR with TPE(Thermo Plastic Elastomer) and lead free, gaskets -grey colour having isolated drainage and rein forced with Galvanized Iron profile through-out the window frame. The outer frame having an overall size of 81mm width x 42mm height with reinforcement of 1mm thickness and Sash with overall size of 31mm x 57mm and mesh sash of size with GI reinforcement of 1.5mm thickness. Coextruded Glazing bead for fixing of glass shall be of size 21.5mm x 9.5mm. Windows shall be provided with 5mm plain float glass, standard hardware & single point locking system with touch lock. Wall thickness of frame & sash shall be of 1.8-2.0mm. Maximum possible size - 1519mm x 1519mm (The cost is inclusive of all fixtures and separate charges for minor T&P's shall not be made.	SqM	40	7529	-	-	3,01,160.00
			Rupees Seven Thousand Five Hundreds Twenty Nine Only				
21	Providing and fixing Structural Steel work riveted, bolted or welded in built up sections, trusses and framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer and Two coats of Syntetic enamel paint all complete including cost of materials, labour, usage charges of machinery complete as per specifications and as per directions of the Engineer-in-Charge.	MT	10.5	127000	-	-	13,33,500.00
			Rupees One Lakh Twenty Seven Thousand Only				
22	Providing & Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade : Two coats on new work over an under coat primer of suitable shade of approved brand and manufacture after thoroughly brooming the surface to remove all dirt, dust, mortar drops and foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour complete as per specifications and as per directions of Engineer-in-charge.	SqM	500	146	-	-	73,000.00
			Rupees One Hundreds Forty Six Only				
23	Providing Brick work with common burnt clay Non Modular bricks of class designation 3.5 in superstructure above plinth level in all shapes and sizes in Cement mortar 1:4 (1 cement : 4 coarse sand) including cost of all materials, labour, scaffolding and usage charges of machinery & other incidental charges complete as per the direction of engineer incharge of work.	CuM	55	10442	-	-	5,74,310.00
			Rupees Ten Thousand Four Hundreds Forty Two Only				
24	Providing and fixing 1st quality ceramic glazed/ anti skid floor tiles conforming to IS : 15622 of approved make in all colours, shades of any size as approved by Engineer-in-Charge in skirting, risers of steps and dados over 12 mm thick bed of cement Mortar 1:3 (1 cement: 3 coarse sand) and jointing with grey cement slurry @ 3.3kg per m2 including pointing in white cement mixed with pigment of matching shade complete.	SqM	80	703	-	-	56,240.00
			Rupees Seven Hundreds Three Only				

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25/11/2024

Item No	Description	Unit	Quantity	Rate in ₹	Rebate in %	Rebated Rate	Amount in ₹
Rate in Words							
25	Supplying PVC ringite pipes conforming to IS 4985:2000 with latest amendments and conveying to worksite, rolling and lowering into trenches, laying true to line and level and perfect linking at joints, testing and commissioning, including loading unloading at both destinations and cuts of pipes wherever necessary including jointing of PVC pipes and specials (including cost of specials) with jointing of approved type, with all labour with all lead & lift including encasing the pipe around to a depth of not less than 15 cms. with soft gravel or selected earth available from the excavation etc. complete and giving necessary hydraulic test to the required pressure as per ISS.	RM	280	275	-	-	77,000.00
			Rupees Two Hundred Seventy Five Only				
26	Providing and fixing M.S. ladder between landing 45 cms. wide using angle iron of following size and 20 mm M.S. bars at 25cms. centre to centre with necessary supports of same angle iron as directed including hand railing on both sides with 25mm dia G.I. pipes with angle iron props at 2 mtrs, interval and 0.5 mtr, height including fixing in ground with C.C. 1:2:4 and two coats of nonpoisonous anticorrosive bituminous paint with all lead and lift etc., complete. 65x65x8mm angle iron frame.	RM	16	5317	-	-	85,072.00
			Rupees Five Thousand Three Hundred Seventeen Only				
27	Providing and fixing V notch as per the relevant standards nearly 300x300 MM(LxB)06 MM thick SS 304 grade plate and as directed by the Engineer in-charge	Nos	2	6108	-	-	12,216.00
			Rupees Six Thousand One Hundred Eight Only				
28	Providing and laying of Gravel filter media stone aggregates & sand . Collecting and stacking the following (a) Filter media at the site of work with all lead & lift 6mm, 10mm, 12mm, 20mm, 40mm., size. Labour charges for laying Graded Granite/Trap/Basalt/Metal from 6mm to 40mm size for filter media in all depth as per specifications in infiltration gallery works including cleaning, screening and placing it under water with all lead & lift to the point of laying etc. (b) Sand passing through a sieve of 4 meshes 2.5cms and retained on a sieve of 10 meshes to 2.5cms and filling it under water and coursed sand passing through a sieve of 10 meshes to 2.5cms and retained on 20 meshes to 2.5 cms and filling it under water for filter media in all depth as per specifications in infiltration gallery works including cleaning, screening and placing it under water with all lead & lift to the point of laying etc, complete as per direction of engineer in charge.						-
28.1	Gravel-2mm- 5mm Size	CuM	5	2615	-	-	13,075.00
			Rupees Two Thousand Six Hundred Fifteen Only				
28.2	Gravel- 5mm - 12mm Size & 12mm - 20 mm Size gravel	CuM	9	2615	-	-	23,535.00
			Rupees Two Thousand Six Hundred Fifteen Only				
28.3	20mm - 38mm Size gravel	CuM	5	2615	-	-	13,075.00
			Rupees Two Thousand Six Hundred Fifteen Only				
28.4	38mm - 50mm Size gravel	CuM	5	2615	-	-	13,075.00
			Rupees Two Thousand Six Hundred Fifteen Only				
28.5	Sand 0.45mm to 0.70 mm size	CuM	28	2668	-	-	74,704.00
			Rupees Two Thousand Six Hundred Sixty Eight Only				
29	Providing internal & external 15 mm thick cement plaster on rough side of single or half brick wall finished with a floating coat of neat cement of mix: 1:4 (1 cement: 4 fine sand) to brick masonry including rounding off corners wherever required smooth rendering, providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications and as per directions of Engineer-in-charge.	SqM	1000	336	-	-	3,36,000.00
			Rupees Three Hundred Thirty Six Only				

[Signature]
23/12/21

Item No	Description	Unit	Quantity	Rate in ₹	Rebate in %	Rebated Rate	Amount in ₹	
				Rate in Words				
30	Providing & installation of PVC pipe 110mm dia10 Ksc, for Under drainage laterals, complete etc., as per direction of Engineer-In-Charge.	RM	970	595	-	-	5,77,150.00	
			Rupees Five Hundreds Ninety Five Only					
Schedule : SMU-BMechanical&Contro								
1	Providing and laying & jointing Ductile Iron pipes of class K-9 conforming to IS 8329:2000 with latest amendments, conveying to work site, rolling and lowering into trenches, laying true to line, level and perfect linking at joints, testing and commissioning, including loading and unloading at both destinations, cutting of pipes wherever necessary, jointing with DI specials (excluding cost of specials) and rubber gaskets, cleaning the socket and spigot end with soap solution, applying soft soap to the socket and spigot ends before insertion of rubber gaskets, jacking and fixing in perfect conditions etc. The cost to include soap solution, soft soap, waste etc. and giving necessary hydraulic test to the required pressure as per ISS with all lead and lifts and cost of all jointing materials. (The contractor will make his own arrangements for water for testing. Earth work excavation in trenches to be measured and paid for separately)							
1.1	200mm dia, DI K-9	RM	1660	4031	-	-	66,91,460.00	
			Rupees Four Thousand Thirty One Only					
1.2	150 mm dia DI,K-9	RM	2715	3050	-	-	82,80,750.00	
			Rupees Three Thousand Fifty Only					
1.3	100 mm dia	RM	115	1962	-	-	2,25,630.00	
			Rupees One Thousand Nine Hundreds Sixty Two Only					
1.4	350 mm dia - for backwashing	RM	20	6540	-	-	1,30,800.00	
			Rupees Six Thousand Five Hundreds Forty Only					
2	Supplying and fixing of DI specials with ISI mark conforming to IS 9523 / 2000 suitable for jointing 100 mm to 600 mm dia DI pipes coated with rust prevention coatings as below: NOTE: A) External coating: a) Metallic zinc with finishing layer of bituminous as per Annexure "A" of IS:9523/2000, b) Zinc rich paint with finishing layer of bituminous as per Annexure "A" of IS:9523 / 2000, c) Bituminous paint as per Annexure "C" of IS:9523 / 2000. B) Internal Lining: a) Portland Cement (with or without additives) mortar as per Annexure - "B" of IS:9523/2000, b) Cement Mortar with coat coat as per Annexure "B" of IS:9523 / 2000, c) Bituminous paint as per Annexure "C" of IS:9523 / 2000.	Kg	2600	305	-	-	7,93,000.00	
			Rupees Three Hundreds Five Only					
3	Supplying and fixing DI Resilient seated soft sealing SLUICE VALVE of various dia. with body bonnet of ductile iron (DI) conforming to IS- 1865 and of grade GGG 40/50, shaft of stainless steel, wedge fully rubber lined with EDPM seals of NBR and the valves should be vacuum tight and 100% leak proof with face to face dimensions as per IS 14846-2000 only. The stem sealing should be with toroidal sealing rings (minimum 2 " O " rings). Body and bonut should be coated with Electrostatically applied Epoxy Powder Coating with minimum coating thickness of 250 micron both inside and outside. The rate is inclusive of cost of valves, T.P set, galvanized bolts & nuts and rubber insertions etc. but excluding earth work.							
3.1	DI Scour valve 80 mm dia of body & seat ring bronze PN 10.	Each	3	10006	-	-	30,018.00	
			Rupees Ten Thousand Six Only					

Handwritten signature and date: 21/12/24

Item No	Description	Unit	Quantity	Rate in ₹	Rebate in %	Rebated Rate	Amount in ₹
				Rate in Words			
3.2	DI Scour valve 100 mm dia of body & seat ring bronze PN 10.	Each	22	10809	-	-	2,37,798.00
			Rupees Ten Thousand Eight Hundreds Nine Only				
3.3	DI Scour valve 150 mm dia of body & seat ring bronze PN 10.	Each	8	20788	-	-	1,66,304.00
			Rupees Twenty Thousand Seven Hundreds Eighty Eight Only				
3.4	DI Scour valve 200 mm dia of body & seat ring bronze PN 10	Each	10	28508	-	-	2,85,080.00
			Rupees Twenty Eight Thousand Five Hundreds Eight Only				
3.5	DI Scour valve 300 mm dia of body & seat ring bronze PN 10.	Each	1	53489	-	-	53,489.00
			Rupees Fifty Three Thousand Four Hundreds Eighty Nine Only				
3.6	DI Scour valve 350 mm dia of body & seat ring bronze PN 10.	Each	2	92587	-	-	1,85,174.00
			Rupees Ninety Two Thousand Five Hundreds Eighty Seven Only				
3.7	DI Scour valve 400 mm dia of body & seat ring bronze PN 10.	Each	3	124499	-	-	3,73,497.00
			Rupees One Lakh Twenty Four Thousand Four Hundreds Ninety Nine Only				
4	Supply and fixing of Single / Double chamber triple function tamper proof (Both the orifices to be housed in the single chamber) Air valves with Body and cover in Ductile cast iron of grade GGG 40/50. All internal parts such as float, shell with appurtenances, all cover bolts of austenitic alloy / SS 304 steel, DN 50 float of HOSTAFLOON / SS 304 and gaskers and seals of EPDM. Epoxy powder coating (EP-P) inside and outside colour blue RAL5005. The valves should be designed for all the three functions i.e., 1. Large orifice for venting of large air volumes on start up. 2. Large orifice for intake of large air volumes. 3. Small orifice for discharge of pressurized air during operation, 50mm dia, PN-10.	Each	7	28007	-	-	1,96,049.00
			Rupees Twenty Eight Thousand Seven Only				
5	Labour charges for making flanged joints including cost of jointing materials comprising of rubber insertion, bolts and nuts including giving hydraulic test to the required pressure as per ISS with all lead & lift (contractor will make his own arrangement for procuring water for testing).	Job	7	131	-	-	917.00
			Rupees One Hundred Thirty One Only				
6	Supply and fixing Copper Alloy gate valve of brand new best make as per IS 778/1984 with ISI Mark and as per its latest amendments.				-	-	-
6.1	50 mm dia.	Each	7	1526	-	-	10,682.00
			Rupees One Thousand Five Hundreds Twenty Six Only				
6.2	80 mm dia	Each	4	2136	-	-	8,544.00
			Rupees Two Thousand One Hundreds Thirty Six Only				

[Signature]
21/7/24

Co

Name of Work: Construction of 1 MLD capacity Water Treatment Plant at Kaiga Township, Mallapur.
WO / SOQR Number : 102114

Agency Name : M/s KVR Construction Heights Pvt. Ltd.

Item No	Description	Unit	Quantity	Rate in ₹	Rebate in %	Rebated Rate	Amount in ₹
				Rate in Words			
7	Supply and fixing of following dia, Horizontal Mechanical Woltman type hemetically sealed water meters with copper Glass register with IP 68 protection. The meter shall be removable mechanism type manufactured as ISO 4064-1: 1993 with MID certification. The meters shall be capable of transmitting consumption data on daily basis to central server through GSM/GPRS. The meter interface unit shall be fitted to the meter without wire. The consumption data shall be collected, stored and analysed by data logger. The data logger should provide data like flow rate, total flow, consumption analyses, reverse flow, meter tampering, daily flow distribution, leakage detection. The data logger shall also send alarms on blocked meter, flow rate above limit, pressure below or above limits.						
7.1	150 mm dia	Each	5	102392	-	-	5,11,960.00
		Rupees One Lakh Two Thousand Three Hundreds Ninety Two Only					
7.2	200 mm dia	Each	1	126017	-	-	1,26,017.00
		Rupees One Lakh Twenty Six Thousand Seventeen Only					
8	Supplying and fixing Wafer type single flange Butterfly valve conforming to relevant with latest amendments as detailed below of the following diameter and types with TP set and conveying to work site, loading and unloading, stacking etc. with all lead and lift. The rate is inclusive of the cost of valve, TP set, bolts and nuts and excluding earth work.						
8.1	200mm dia, For PN 10.0	Each	3	13879	-	-	41,637.00
		Rupees Thirteen Thousand Eight Hundreds Seventy Nine Only					
8.2	150mm dia, For PN 10.0	Each	6	12470	-	-	74,820.00
		Rupees Twelve Thousand Four Hundreds Seventy Only					
9	Design, manufacturing, supply, erection, trial running, performance test and commissioning of vertical turbine pump of approved make conforming to IS:1710(1989) having specified pump output under specified operating head coupled to HT/LT, WITH motor of adequate HP rating operating at suitable KV with flexible coupling, self water lubricated thrust bearings, discharge Tee with flanged end for connecting delivery pipe with all other standard accessories and safety device etc., complete as per specification. upto 3500 HP	Per HP	20	18922	-	-	3,78,440.00
		Rupees Eighteen Thousand Nine Hundreds Twenty Two Only					
10	Supply delivery and fixing at site brand new BEST make pressure guage suitable for centrifugal pump confirming to latest IS standards. (80mm dia)	Each	4	702	-	-	2,808.00
		Rupees Seven Hundreds Two Only					
11	Manufacturing, supplying, laying in position, aligning, jointing, testing and commissioning of electric resistance welded / submerged arc welded mild steel (Fe-410 grade) delivery pipes of specified diameter and 6.4 mm plate thickness with flanged ends wherever required and provided with 1 coat 40 micron thick zinc rich epoxy primer paint and 3 coats 100 micron thick each coat coal tar epoxy paint for inner surface and 1 coat of 40 micron thick zinc rich epoxy primer paint and 2 coats of 100 micron thick each coat coal tar epoxy paint for outer surface including cost of all materials, machinery, labour, cutting, bending, welding, finishing, painting, conveying to spot, lowering, aligning, jointing, arranging water for testing, hydraulic testing at fabrication site and after laying and jointing at specified test pressure etc., complete as per specifications and approved drawings with all lead and lift. Diameter of delivery pipe : 150 mm Thickness of plate : 6.4 mm.	Kg	750	165	-	-	1,23,750.00
		Rupees One Hundred Sixty Five Only					

20/12/2023
KVR

Co		Name of Work: Construction of 1 MLD capacity Water Treatment Plant at Kaiga Township, Mallapur. WO / SOQR Number : 102114		Agency Name : M/s KVR Construction Heights Pvt. Ltd.			
Item No	Description	Unit	Quantity	Rate in ₹	Rebate in %	Rebated Rate	Amount in ₹
Rate in Words							
12	Supply and fixing of Cast iron steel ASTM A 216 Gr.WCB double flanged Dual plate check valve Conforming to API 594 with latest amendments Shaft material shall be SS420/431 and spring shall be spring steel superior grade quality as detailed below of following diameters and types and conveying to work site, loading, unloading, stacking with appurtenances., complete with all lead and lift. The rates are inclusive of cost of Galvanised Bolts and Nuts; For Class 150, 150mm dia.	Each	8	9736	-	-	77,888.00
		Rupees Nine Thousand Seven Hundreds Thirty Six Only					
13	Supplying fully automatic star-delta starter unit push button type with suitable wires, 3 contactors, one adjustable thermal timer mounted on a common base plate held in steel enclosure for use on 400/440 V 3 phase and wired after fixing to the existing wooden board for motor.	Each	6	8437	-	-	50,622.00
		Rupees Eight Thousand Four Hundreds Thirty Seven Only					
14	Labour charges for erection of indoor type panel board and meter board units with all necessary materials and labour tools and equipments including cement concrete for foundation/bed etc.complete as per specification, with testing of as per instructions of engineer incharge of work.	Job	4	1526	-	-	6,104.00
		Rupees One Thousand Five Hundreds Twenty Six Only					
15	Providing and fixing reputed make suitable motor with worm gair of 0.5 HP with necessary reduction gear to bring impeller RPM to rotate the shaft of 4.80m height with 2 rows of impellers of 600mm dia, each impeller having 4 blades of size 200 x 250mm with impeller shaft of 4.80m, including all accessories like shaft bearing etc., complete with all lead and lift and as per the directions of the Engineer in-charge with Panel board and other accessories.	Nos	5	81750	-	-	4,08,750.00
		Rupees Eighty One Thousand Seven Hundreds Fifty Only					
16	Supply and fixing, M S Wheels, 300 mm dia for clariflocculator assembly, as per direction of Engineer in charge.	Each	2	3815	-	-	7,630.00
		Rupees Three Thousand Eight Hundreds Fifteen Only					
17	Designing ,fabrication ,installation Turn table with heavy duty ball bearing with oil lubrication system to cater for Minimum 8 tonnes load and of Minium 0.90 m diameter suitable to Clariflocculator of 10.10 Mtr Dia as per Drg No :03.	Nos	1	272500	-	-	2,72,500.00
		Rupees Two Lakh Seventy Two Thousand Five Hundreds Only					
18	Providing, installing & commissioning motor for the movement of turn table with scraper mechanism of 5 HP capacity/1000 RPM and chain sprocket ratio, worm gear box ratio & the bevel gear ratio are to be adjusted in such a way to get the required RPM of the scraper mechanism as per the instructions of the Engineer in-charge, peripheral dia at wall centre 21.80m, thickness of wall 300mm etc., complete.	Set	1	179850	-	-	1,79,850.00
		Rupees One Lakh Seventy Nine Thousand Eight Hundreds Fifty Only					
19	Providing, installing & commissioning Motor of 1/2 HP motor to drive with gear system to produce 4 RPM for blade assembly. Each blade assembly having 4 blades of size 1.0m wide, with central shaft of 2.50m long - one end shaft resting on ball bearing and other side free for rotation .	Set	2	27250	-	-	54,500.00
		Rupees Twenty Seven Thousand Two Hundreds Fifty Only					
20	Providing and fixing Motor Starter for minimum 5 HP capacity motor with electrical cable nearly 50 mtr length with all electrical installation like cables etc complete. Providing Rotor Type switch for turn table to drive motor with all accessories etc., complete as per the directions of Engineer in-Charge.	Job	1	49050	-	-	49,050.00
		Rupees Forty Nine Thousand Fifty Only					
21	Supplying, Laying and Jointing Cast Iron (CI) double flanged pipes following dia, true to line / hoisting of DI flanged pipe in position and aligning to correct plumb, including cost of jointing materials, conveying to work spot with all lead and lifts etc.complete all as per direction of Engineer in charge.						-
21.1	400 mm dia	RM	15	20821	-	-	3,12,315.00
		Rupees Twenty Thousand Eight Hundreds Twenty One Only					
21.2	300 mm dia	RM	15	12558	-	-	1,88,370.00
		Rupees Twelve Thousand Five Hundreds Fifty Eight Only					

28/12/24

C0

Name of Work: Construction of 1 MLD capacity Water Treatment Plant at Kaiga Township, Mallapur.
WO / SOQR Number : 102114

Agency Name : M/s KVR Construction Heights Pvt. Ltd.

Item No	Description	Unit	Quantity	Rate in ₹	Rebate in %	Rebated Rate	Amount in ₹
				Rate in Words			
21.3	200 mm dia	RM	12	7032	-	-	84,384.00
			Rupees Seven Thousand Thirty Two Only				
21.4	150 mm dia	RM	20	5746	-	-	1,14,920.00
			Rupees Five Thousand Seven Hundreds Forty Six Only				
22	Supplying Ductile Iron Push on special conforming to IS 9523:2000 - All Double Socket Duck Foot DI Bends: 150 X 900 dia	Each	4	6301	-	-	25,204.00
			Rupees Six Thousand Three Hundreds One Only				
23	Supplying and fixing DI/CI puddle flanges conforming to IS 7181-1986 with latest ammendments., in position for RCC walls including hoisting and conveying them to work spot with all lead and lifts etc. complete.				-	-	-
23.1	150 mm dia	Each	4	2825	-	-	11,300.00
			Rupees Two Thousand Eight Hundreds Twenty Five Only				
23.2	200 mm dia	Each	8	3401	-	-	27,208.00
			Rupees Three Thousand Four Hundreds One Only				
23.3	300 mm dia	Each	3	6065	-	-	18,195.00
			Rupees Six Thousand Sixty Five Only				
23.4	400 mm dia	Each	4	10145	-	-	40,580.00
			Rupees Ten Thousand One Hundreds Forty Five Only				
24	Providing and fixing automatic Pressure Difference Gauge conforming to the relevant IS specifications with all lead and lifts etc., complete and also as per the directions of the Engineer in-charge.	Each	4	38150	-	-	1,52,600.00
			Rupees Thirty Eight Thousand One Hundreds Fifty Only				
25	Providing and fixing automatic Flow Meter conforming to the relevant IS specifications with all lead and lifts etc., complete and also as per the directions of the Engineer in-charge.	Each	4	26160	-	-	1,04,640.00
			Rupees Twenty Six Thousand One Hundreds Sixty Only				
26	Supply and delivery at site of brand new best make pressure gauge bourdon type as per IS 778/1984 with ISI Mark and as per its latest ammendments, 80mm.	Each	8	549	-	-	4,392.00
			Rupees Five Hundreds Forty Nine Only				
27	Providing and fixing Rectangular weir plate of 6mm thick SS 304 grade plate Minimum 300x300 MM conforming to the relevant IS specifications with all lead and lifts etc., complete as per the directions of the Engineer in-charge.	Job	1	34880	-	-	34,880.00
			Rupees Thirty Four Thousand Eight Hundreds Eighty Only				

28/02/2024

Item No	Description	Unit	Quantity	Rate in ₹	Rebate in %	Rebated Rate	Amount in ₹
		Rate in Words					
28	Supplying, installing & testing S&S RCC SPUN / VIBRATED CAST PIPES (REINFORCED) 300 MM dia NP-3 Class conforming to IS:458-1988 with latest amendments using ordinary portland cement, for sanitary works and conveying to work site, rolling and lowering into trenches, laying true to line and level including loading and unloading at both destinations and jointing of pipes and specials, perfect linking of joints with jack to correct position including cost of jointing materials, i.e., rubber rings conforming to IS: 5382 for S&S RCC pipes, with all leads and lifts as directed and giving necessary hydraulic test as per ISS to the required pressure and commissioning etc. complete. Before the execution of the work, the contractor shall carry out the survey.	RM	25	1361	-	-	34,025.00
		Rupees One Thousand Three Hundreds Sixty One Only					
29	Supplying, installing & testing Automatic Online Hydraulically Operated Self Cleaning Multi grade Pressure Filter for the flow rate of 65000 LPH (1.04 M.L.D) with 16 hour pumping. NOTE : For Detailed Specification of Automatic hydraulic self cleaning screen filter(400 Microns), FILTRATION & Filter Media For Pressure Filter, Anthracite, Carbon . (i.e., Online Sensure, Filtration & Filder media) Refer Annexure-C Pressure Filter Unit (65,000 LPH Capacity)	Each	1	2408241	-	-	24,08,241.00
		Rupees Twenty Four Lakh Eight Thousand Two Hundreds Forty One Only					
30	Supplying, installing & testing Automatic Online Hydraulically Operated Self Cleaning Activated Carbon Filter for the flow rate of 65,000 LPH (1.04M L.D) with 16 hour pumping NOTE : For Detailed Specification of Automatic hydraulic self cleaning screen filter(400 Microns), FILTRATION & Filter Media For Pressure Filter, Anthracite, Carbon . (i.e., Online Sensure, Filtration & Filder media). Activated Carbon Filter (65,000 LPH Capacity) refer Annex "D"	Each	1	1233891	-	-	12,33,891.00
		Rupees Twelve Lakh Thirty Three Thousand Eight Hundreds Ninety One Only					
31	Providing, installing & testing of Online sensors with Digital Display of water quality for Continuous monitoring Turbidity , pH and Free Chlorine. PH Indicator and Transmitter - 2 No Microprocessor Based Design Range 0 to 14.00 pH Mounting Filed Mounted Enclosure Weather proof Supply 230 VAC Max Temp 0 to 45°C Operating Pressure 0 to 6 Bar Chlorine Sensor -and Transmitter (Free Chlorine) -1 no Application Free Chlorine , Inorganic Chlorine. Range 0 to 5 ppm Operating Pressure Up to 1 Bar Operating Temp 0 to 45°C Turbidity Indicator and Transmitter -2 No Scale 0 - 1500 NTU Power Supply 24V dc Operating Temp 0 to 45°C Max . Pressure up to 1 Bar Body PVC Cable 10 meter Mounting Immersed in the Tank.	Set	1	2104964	-	-	21,04,964.00
		Rupees Twenty One Lakh Four Thousand Nine Hundreds Sixty Four Only					
32	Supplying insulation & commissioning of Mini Electro-chlorinator which required accessories for connecting the unit system to the rising main. Chlorinator 200gms/Batch Production capacity : 25 gms/hr Total time per Batch : 8Hrs. Total volume of chlorine generation : 200gms/batch. Salt Required per hr. : 800gms/batch. Electrical power required : 230V, 1phase AC 50Hz. DC power supply unit with Input 230 V AC :1 NO FRP Brain water tank :35litrs PP/PVC Chlorine storage tank :35 Liters Dosing pump Type of Dosing : Automatic Proportionate Dosing Dosing flow rate :1to 30 lph Min actuating pressure :0.3kg/cm² Max working pressure :5kg/ cm² Inlet/Outlet connections :¾" B.S.P Max Temoeature :50°C Dosing externally adjustable :0.5-2% Chlorine test kit : 1 set.	Each	1	164808	-	-	1,64,808.00
		Rupees One Lakh Sixty Four Thousand Eight Hundreds Eight Only					
33	Providing & fixing at site GM (copper alloy) 25 mm gate valves conforming to Class-I as per IS 778 with latest amendments, 1 No. screwed in bonnet inside screw, rising spring spindle integral seat screwed females ends conforming to IS 554/ 1990 body hydraulically tested 1.5HP seat standard tested 1 HP with IS mark.	Each	6	1426	-	-	8,556.00
		Rupees One Thousand Four Hundreds Twenty Six Only					
34	Providing & fixing of 25 mm dia Gunmetal Ball Valve of Non rising stem, screwed in bonnet, inside screw, integral seats, screwed female ends to IS:554/ BS 21/ ISO 7, Unbreakable sheet metal Handwheel, conforming to IS:778 Class-1 including provision of re-packing under pressure with appurtenances, complete as per the directions of the Engineer in-charge.	Each	6	549	-	-	3,294.00
		Rupees Five Hundreds Forty Nine Only					
35	Providing and fixing at work site, Submersible Pump Set of 150mm dia suitable and confirming to IS 8034-2000; 3Phase, SS Bowl & Impeller with Low volt Motor as per specifications, as per necessary amendments and instructions of engineer incharge of work.						-

[Handwritten Signature]
31/12/24

Co

Name of Work: Construction of 1 MLD capacity Water Treatment Plant at Kaiga Township, Mallapur.
WO / SOQR Number : 102114

Agency Name : M/s KVR Construction Heights Pvt. Ltd.

Item No	Description	Unit	Quantity	Rate in ₹	Rebate in %	Rebated Rate	Amount in ₹
		Rate in Words					
35.1	5HP Submersible,2.76Lps, 10mWH	Each	4	43600	-	-	1,74,400.00
		Rupees Forty Three Thousand Six Hundreds Only					
35.2	21HP Submersible,17.36Lps,31mWH	Each	2	87200	-	-	1,74,400.00
		Rupees Eighty Seven Thousand Two Hundreds Only					
36	Submersible Cables : Supply and delivery at site Brand new best make PVC Insulated cable of Flat 3 core sheathed) of nominal cross sectional area as per IS 694-1990 with ISI Mark and as per its latest amendments. 1 x 3 x 10 Sq mm .	RM	350	354	-	-	1,23,900.00
		Rupees Three Hundreds Fifty Four Only					
37	Power Capacitor : Supply and delivery at site best indigenous brand new power capacitor as per IS 834/1986 with latest amendments with KPTCL authorities and rection, electrification and commissioning of the same at the location of respective pump sets.	Kvar	8	671	-	-	5,368.00
		Rupees Six Hundreds Seventy One Only					
38	M C B : Supply and delivery at site delivery of best indigenous brand new MCB (Miniature Circuit Breakers) of required capacity as per IS 88228/1978 and its latest amendments and with ISI Mark of 6/10/16/20/25/40 Amps with scalable box.	Per 3 poles	4	1526	-	-	6,104.00
		Rupees One Thousand Five Hundreds Twenty Six Only					
39	Labour charges for Erection, Electrification and commissioning of Pump sets, including aligning and balancing of all items including supply and erection of two pair of supporting clamps, bore well caps, cable clips and water tight gland cable protectors, bolts, nuts, valve and gauges,tools and equipments etc., involved in the job as per specifications, with necessary tests as per specifications, with testing of as per instructions of engineer incharge of work. (Note: Each job consist of minimum four skilled manpower to be engaged).	Job	4	7507	-	-	30,028.00
		Rupees Seven Thousand Five Hundreds Seven Only					
40	Earthing: Supplying , fixing and wiring earth electrode for grounding circuits IC cut-outs and other equipments on the meter board in the pit. The pit should be filled-up with equal proportion of salt and charcoal 150mm around the pipe to complete depth. The connection from pipe to the conduits etc., is to be established through G.I. Wire of sizes as per clause 7.3.3 of IS 732 using 12 mm bolts, nuts, washers and checknuts etc., the pipe shall have 16 through holes of 12 mm dia.	Each	6	4578	-	-	27,468.00
		Rupees Four Thousand Five Hundreds Seventy Eight Only					
41	Design, manufacturing, supply, erection, trail running, performance test and commissioning of centrifugal pump of approved make conforming to IS:12699(1989) (Reaffirmed 2009) having specified pump output under specified operating head coupled to HT/LT ,WITH motor of adequate HP rating operating at suitable KV with flexible coupling, self water lubricated thrust bearings, discharge Tee with flanged end for connecting delivery pipe with all other standard accessories and saftey device etc. complete as per specification	Per HP	50	12818	-	-	6,40,900.00
		Rupees Twelve Thousand Eight Hundreds Eighteen Only					
42	Providing & fixing at site brand new best make level guage suitable for centrifugal pump confirming to latest IS standards.	Each	2	701	-	-	1,402.00
		Rupees Seven Hundreds One Only					
43	Providing & fixing at site brand new best make starter/ control panel suitable for following HP centrifugal pump confirming with ISI mark and its latest amendments. 10 to 120 HP centrifugal pump	Each	2	43314	-	-	86,628.00
		Rupees Forty Three Thousand Three Hundreds Fourteen Only					
Schedule : SMU:CElectricalWorks							

Signature
31/12/20

Co

Name of Work: Construction of 1 MLD capacity Water Treatment Plant at Kaiga Township, Mallapur.
WO / SOQR Number : 102114

Agency Name : M/s KVR Construction Heights Pvt. Ltd.

Item No	Description	Unit	Quantity	Rate in ₹	Rebate in %	Rebated Rate	Amount in ₹
				Rate in Words			
1	Supply and installation of electrical panel consisting Incoming: 63A, FP, TM MCCB with OL, SC protection, Ir=70-100% in 18kA, with on, off, trip indicators - 1 No. Measuring & Protection Instruments: Suitable Type. 1 TVSS or SPD with necessary fuse cutouts. Mp based ELR with CBCT - 300mA to 3000mA rating. Digital Voltmeter - 1 no. RYB Indicating lamps - 1 Set. Control MCB TPN 6A - 1 no. Multi Data Meter (MDM for V, A, F, PF, kW, kWh, kvar with CT - 1 Set Bus Bar: 100A TPN+E, 50 Hz, 25kA for one sec, Copper/ Aluminium Busbars. Outgoing: 63A 18kA TPN TM MCCB with OL, SC release - 2 nos. 32A TPN MCB 10kA - 3 no. Panel consisting of soft starter cum star delta starter for pump motor of capacity 20 hp. With bypass option with necessary contactors, uvr, oilr, hot fault relay, spp, timer, illumination push buttons & bypass switch along with dry run, phase reversal/failure protection, Qty - 2 Nos. Capacitor Banks within the main panel: Incoming 32A TPN MCB 10kA - 1 no. 63A TPN+E, 50 Hz, 36kA for one sec, Aluminium / Cu Busbars. Outgoing: 20A TP MCB 10kA - 1 no. 10A TP MCB 10kA - 2 nos. 5kVAR heavy duty Capacitor bank, Capacitor duty Contractors with ON/FF buttons indicator. - 1 no. 2kVAR heavy duty Capacitor bank, Capacitor duty Contractors with ON/FF buttons indicator. - 2 no.	Nos	1	277725	-	-	2,77,725.00
		Rupees Two Lakh Seventy Seven Thousand Seven Hundred and Twenty Five Only					
2	Supply, storing and laying of 11KV 3C - 120Sq.mm XLPE round Al. armoured - Earthed type HT cables, as per the BESCOM requirement.	R/M	600	1518	-	-	9,10,800.00
		Rupees One Thousand Five Hundred and Eighteen Only					
3	Supply and installation of 11KV 3C - 120 sq.mm Outdoor End Termination of Cables using Reputed HEAT SHRINKABLE KITS - OUTDOOR	Nos	1	10347	-	-	10,347.00
		Rupees Ten Thousand Three Hundred and Forty Seven Only					
4	Supply and installation of 11KV 3C - 120 sq.mm Indoor End Termination of Cables using Reputed Equivalent - HEAT SHRINKABLE KITS - INDOOR	Nos	7	8572	-	-	60,004.00
		Rupees Eight Thousand Five Hundred and Seventy Two Only					
5	Supply and installation of 1.1 kV, XLPE or Heat resistant PVC insulated, PVC extruded Inner Sheath Armoured LTUG Cable as per IS-1554 (Part-1) or IS-7098 Part-1, Armoured strip thickness in average ± 5% and resistivity 14 Ohms/KM (Max) as per IS-3975 1.1 kV grade armoured XLPE sheathed, aluminium / conductor, power cables.						-
5.1	3.5C x 120 sq.mm A2XFY	Mtrs	170	743	-	-	1,26,310.00
		Rupees Seven Hundred and Forty Three Only					
5.2	3.5C x 120 sq.mm A2XFY, End Termination	Each	16	1837	-	-	29,392.00
		Rupees One Thousand Eight Hundred and Thirty Seven Only					
5.3	3.5C x 50 sq.mm A2XFY	Mtrs	360	312	-	-	1,12,320.00
		Rupees Three Hundred and Twelve Only					
5.4	3.5C x 50 sq.mm A2XFY, End Termination	Each	10	1207	-	-	12,070.00
		Rupees One Thousand Two Hundred and Seven Only					
5.5	3.5C x 35 sq.mm A2XFY	Mtrs	100	266	-	-	26,600.00
		Rupees Two Hundred and Sixty Six Only					

Item No	Description	Unit	Quantity	Rate in ₹	Rebate In %	Rebated Rate	Amount in ₹
				Rate in Words			
5.6	3.5C x 35 sq.mm A2XFY, End Termination	Each	2	997	-	-	1,994.00
			Rupees Nine Hundreds Ninety Seven Only				
5.7	3C x 35 sq.mm COPPER Ar. XLPE Cable	Mtrs	50	2121	-	-	1,06,050.00
			Rupees Two Thousand One Hundreds Twenty One Only				
5.8	3C x 35 sq.mm COPPER Ar. XLPE Cable, End Termination	Each	8	682	-	-	5,456.00
			Rupees Six Hundreds Eighty Two Only				
5.9	4C x 25 sq.mm A2XFY	Mtrs	120	289	-	-	34,680.00
			Rupees Two Hundreds Eighty Nine Only				
5.11	4C x 16 sq.mm A2XFY	Mtrs	330	224	-	-	73,920.00
			Rupees Two Hundreds Twenty Four Only				
5.12	4C x 16 sq.mm A2XFY, End Termination	Each	36	630	-	-	22,680.00
			Rupees Six Hundreds Thirty Only				
5.10'	4C x 25 sq.mm A2XFY, End Termination	Each	10	813	-	-	8,130.00
			Rupees Eight Hundreds Thirteen Only				
6	Grounding of equipments by providing cast iron pipe of 100mm ID 13mm thickness, 2.75 Mtrs long with 2 part clamp out of G.I.Flat 50X6mm continuously welded around the pipe using cast iron welding electrodes as per drawing including the cost of excavation (All materials to be supplied by the contractor) Providing GI pipe of 100mm ID 13mm thick 2.75mtr long with 2 part clamp out of GI flat 50x6mm clamp welded all round the pipe etc., including cost of excavation, filling, necessary civil works. Making brick masonry chamber 450mmx450mmx300mm internal dimensions, with heavy duty cover.	Nos	20	9850	-	-	1,97,000.00
			Rupees Nine Thousand Eight Hundreds Fifty Only				
7	Supply, erection, testing and commissioning of Plate electrode earth station as per IS 3043 complete with 600 x 600 x 3mm copper plate, 2 runs 25x6mm Cu strip laid from bottom plate to top funnel link, 25mm GI pipe, GI watering funnel, Salt, Charcoal, 450mm x 450mm x 300mm internal dimension brick masonry chamber, heavy duty concrete / CI frame and heavy duty cover etc., complete.	Nos	4	14668	-	-	58,672.00
			Rupees Fourteen Thousand Six Hundreds Sixty Eight Only				
8	Supply, laying, terminating and testing of the following sizes of GI earth flats and wires with hot dip galvanized laid in cable trays, below ground with necessary excavation & backfilling, with necessary clamps for laying on surface, as per site condition, drawing & specification. All joints in the runs of the conductor shall be welded.						
8.1	50 x 6 mm GI strip	Mtrs	50	257	-	-	12,850.00
			Rupees Two Hundreds Fifty Seven Only				
8.2	25 x 6 mm GI strip	Mtrs	160	161	-	-	25,760.00
			Rupees One Hundreds Sixty One Only				

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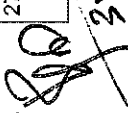
Name of Work: Construction of 1 MLD capacity Water Treatment Plant at Kaiga Township, Mallapur.
WO / SOQR Number : 102114

Agency Name : M/s KVR Construction Heights Pvt. Ltd.

Item No	Description	Unit	Quantity	Rate in ₹	Rebate in %	Rebated Rate	Amount in ₹
Rate in Words							
8.3	25 x 3 mm GI strip	Mtrs	20	115	-	-	2,300.00
			Rupees One Hundreds Fifteen Only				
9	Supply, laying, terminating and testing of the following sizes of Copper earth flats and wires laid in cable trays, below ground with necessary excavation & backfilling, with necessary clamps for laying on surface, drawn through PVC sleeves for various equipment as per site condition, drawing & specification. All joints in the runs of the conductor shall be brazed. 25x3mm Cu. Strip with PVC sleeve.	Mtrs	40	577	-	-	23,080.00
			Rupees Five Hundreds Seventy Seven Only				
10	supply & installation of 200 mm dia RCC Hume pipe	Mtrs	6	445	-	-	2,670.00
			Rupees Four Hundreds Forty Five Only				
11	supply & installation of Collars for RCC Hume Pipe 200 mm Dia	Nos	2	151	-	-	302.00
			Rupees One Hundreds Fifty One Only				
12	supply & installation of G.I Bucket 9 Ltr Capacity	Nos	6	499	-	-	2,994.00
			Rupees Four Hundreds Ninety Nine Only				
13	supply & installation of Steel Mounting stand for above buckets	Nos	2	1930	-	-	3,860.00
			Rupees One Thousand Nine Hundreds Thirty Only				
14	Rubber Hand gloves 15 KV, SEAMLESS Confirming to ISS (Sample to be verified for seamless before approval) for electrical purpose.	Pair	1	1157	-	-	1,157.00
			Rupees One Thousand One Hundreds Fifty Seven Only				
15	Supplying rubber gloves of electrical quality tested to 1.1 KV.	Nos	2	1157	-	-	2,314.00
			Rupees One Thousand One Hundreds Fifty Seven Only				
16	Supply & installation of 11KV Danger board as per the regulations with local language, Hindi & English, as per IS 2551.	Nos	1	209	-	-	209.00
			Rupees Two Hundreds Nine Only				
17	Supply & installation of 440V Danger board as per the regulations with local language, Hindi & English, as per IS 2551.	Nos	2	209	-	-	418.00
			Rupees Two Hundreds Nine Only				
18	Supply, fabrication, erection of structural steel including red oxide primer & 2 coats of approved enamel paint	kg	20	183	-	-	3,660.00
			Rupees One Hundreds Eighty Three Only				
19	Supply and installation of 1100V, Rubber mats of 2mm thick, 1000 mm wide, As per IS 15652 in front of LT Panel room, wherever required and in accordance with directions of engineer in charge at site. ISI mark clearly indicated on the back of the insulation mat & Colour of the Mats will be Black only.	Mtrs	3	1800	-	-	5,400.00
			Rupees One Thousand Eight Hundreds Only				
20	Supply of stand First aid kit	Nos	1	1417	-	-	1,417.00
			Rupees One Thousand Four Hundreds Seventeen Only				

31/12/24

Co		Name of Work: Construction of 1 MLD capacity Water Treatment Plant at Kaiga Township, Mallapur. WO / SOQR Number : 102114			Agency Name : M/s KVR Construction Heights Pvt. Ltd.		
Item No	Description	Unit	Quantity	Rate in ₹	Rebate in %	Rebated Rate	Amount in ₹
		Rate in Words					
21	Supply & fixing of Carbon Dioxide type fire extinguisher 6Ltr capacity (Do not use fire extinguishers on electrical equipment unless it is clearly marked for that purpose. Use a blanket instead.)	Nos	3	7214	-	-	21,642.00
		Rupees Seven Thousand Two Hundreds Fourteen Only					
22	Supply & installation of 70W LED flood light fixtures. Supply of LED floodlight/ street light luminaire with pressure die cast aluminium housing body for optimal thermal dissipation. Lamp compartment comprising of anti glare clear diffuser with Injection moulded polycarbonate/clear glass material, delivering superior light output Rated life Burning Hrs 50000 hr @ Lumen Maintenance of 70%, CCT > 5500K, IP 66 optical and electrical compartment & impact resistance of complete luminaire > IK08. Power Factor >0.9 with mains, Surge Protection- Min 5KV along with Over voltage/Overload, short circuit/ miss-wiring protection. Compatible for pole mounting with outer dia of 40mm to 50mm. Universal Voltage driver to operate wide voltage range from 100 V to 270V 50/60Hz application. Compliance to IS 10322/ IEC 60598, LM 79 & LM 80 Adherence with RoHS. UL approved MCPCB. Top access street light with single screw to ensure ease of maintenance at the sight site location with minimized minimal tools. LED Light fixture with 70 W System Power consumption. LED Efficiency> 130Lm/w, nominal CRI >75. Luminaire manufacturer should have in-house facility accredited by NABL / CPRI & any Government certified agency & Design & Development facility certified by ISO 9001:2008. Housing with supplier word mark / name shall be Engraved / Embossing on the die cast housing / Body part Warranty of 2 Years against any manufacturing defect working under standard electrical conditions as mentioned above should LED Streetlight 90 Watts	Nos	6	8179	-	-	49,074.00
		Rupees Eight Thousand One Hundreds Seventy Nine Only					
23	Fabricating, supplying and erection of 8 Mtrs long hot dip Galvanized Conical pole with BSEN 10025 grade S355JO steel plate for shaft, IS 2062 for base plate with door opening arrangements, including suitable boards, Bakelite sheet and MCBs as per IS specifications suitable to withstand the wind speed of 47 m/sec for 8 Mtrs pole in single section and single joint welded as per IS 9595/IS 10178AWS having dimensions bottom 155 mm, top 75 mm with 3mm thick, suitable base plate and 4 Nos of 600 mm long J . 16/20 mm bolts along with template and the pole shall be hot dip galvanized in single dipping with not less than 65micron as per ASTM-A123 and 153 etc..(excluding foundation) as per drawing appended.	Nos	6	15793	-	-	94,758.00
		Rupees Fifteen Thousand Seven Hundreds Ninety Three Only					
24	supply & installation of Single Arm Bracket with 1000mm Standard 40/50mm dia (Suitable for item No 23)	Nos	6	918	-	-	5,508.00
		Rupees Nine Hundreds Eighteen Only					
25	supply & installation of Double Arm Bracket with 1500mm Standard 40/50mm dia (Suitable for item No 23)	Nos	1	1570	-	-	1,570.00
		Rupees One Thousand Five Hundreds Seventy Only					
26	Supplying and fixing 2mm thick perforated cable GI tray with on existing MS angle support using necessary GI bolts/nuts and washer as required.						
26.1	150x50mm	Mtrs	10	525	-	-	5,250.00
		Rupees Five Hundreds Twenty Five Only					
26.2	300x50mm	Mtrs	7.5	656	-	-	4,920.00
		Rupees Six Hundreds Fifty Six Only					
27	Supplying heavy gauge PVC conduit pipe of following, confirming to IS 2509 with suitable size bends, metal/PVC junction boxes, adhesive paste etc., and running before concreting the slab. The conduit should be tied to the reinforcement rods by using binding wires and unused ways of junction boxes and pipe ends should be covered using PVC end enclosures, run with 18SWG GI fish wire wherever necessary.						


 31/12/24

Co		Name of Work: Construction of 1 MLD capacity Water Treatment Plant at Kaiga Township, Mallapur. WO / SOQR Number : 102114		Agency Name : M/s KVR Construction Heights Pvt. Ltd.			
Item No	Description	Unit	Quantity	Rate in ₹	Rebate in %	Rebated Rate	Amount in ₹
Rate in Words							
27.1	20 mm dia 2 mm thick	Mtrs	150	64	-	-	9,600.00
Rupees Sixty Four Only							
27.2	25 mm dia 2 mm thick	Mtrs	150	73	-	-	10,950.00
Rupees Seventy Three Only							
28	Supplying heavy gauge PVC Conduit Pipe of following, with suitable size bends, metal junction boxes adhesive paste etc., by groove cutting in the wall and fixing by bracing U or J hooks and cement plastering upto the wall surface and run with 18 SWG GI fish wire run throughout the conduit wherever necessary.						-
28.1	20 mm dia 2 mm thick	Mtrs	150	78	-	-	11,700.00
Rupees Seventy Eight Only							
28.2	25 mm dia 2 mm thick	Mtrs	150	84	-	-	12,600.00
Rupees Eighty Four Only							
29	Supplying and fixing metal conduit of following sizes of Deep junction box						-
29.1	20 mm deep Junction box	Each	6	51	-	-	306.00
Rupees Fifty One Only							
29.2	25 mm deep Junction box	Each	6	53	-	-	318.00
Rupees Fifty Three Only							
29.3	Supplying And Fixing Metal Fan Box with Round Hook.	Each	4	171	-	-	684.00
Rupees One Hundreds Seventy One Only							
30	Supplying and wiring adopting loop system in existing PVC Conduit /casing capping using 2x1.5mm2 (Phase & Neutral) & 1x1.0 mm 2 (Earth wire) FRLS multi strand PVC insulated copper wire (confirming to IS-694; and latest amendments) with a 6A flush type SP control switch shall be fixed on the existing plastic sheet/ gang box, the other end of the wires shall be terminated with sufficient loose length in a wood/PVC round block. complete for each outlet. Short point upto 3m from tapping point to out let via switch	Point	2	289	-	-	578.00
Rupees Two Hundreds Eighty Nine Only							
31	Medium point above 3m upto 6m from tapping point to out let via switch	Point	3	405	-	-	1,215.00
Rupees Four Hundreds Five Only							
32	Long point above 6m upto 10m from tapping point to out let via switch	Point	6	595	-	-	3,570.00
Rupees Five Hundreds Ninety Five Only							
33	Wiring for lighting/power circuit using one of FRLS PVC insulated 1100V grade, multistrand copper following various size of wires with low conductor resistance single core in open or concealed system of wiring with specified IS-694:confirming to latest amendments.						-

31714

Item No	Description	Unit	Quantity	Rate in ₹	Rebate in %	Rebated Rate	Amount in ₹
		Rate in Words					
33.1	1.5 Sqmm	Mtrs	220	27	-	-	5,940.00
				Rupees Twenty Seven Only			
33.2	2.5 Sqmm	Mtrs	430	42	-	-	18,060.00
				Rupees Forty Two Only			
33.3	4 Sqmm	Mtrs	220	61	-	-	13,420.00
				Rupees Sixty One Only			
33.4	6 Sqmm	Mtrs	80	91	-	-	7,280.00
				Rupees Ninety One Only			
34	Supplying and flush mounting powder coated / galvanized metal box suitable for mounting modular switch plates. The box should be firmly flush mounted after due groove cutting in Brick/Stone/C.C wall in following ways				-	-	-
34.1	1-3 Way	Each	2	129	-	-	258.00
				Rupees One Hundreds Twenty Nine Only			
34.2	6 Way	Each	4	222	-	-	888.00
				Rupees Two Hundreds Twenty Two Only			
34.3	10-12 Way	Each	2	341	-	-	682.00
				Rupees Three Hundreds Forty One Only			
35	Supplying and fixing superior quality modular switch mounting polycarbonate plate with necessary supporting back plate with required nos. of machine screws, bolts nuts etc., complete on the existing metal/PVC box in following ways				-	-	-
35.1	1-3 Way	Each	2	159	-	-	318.00
				Rupees One Hundreds Fifty Nine Only			
35.2	6 Way	Each	4	256	-	-	1,024.00
				Rupees Two Hundreds Fifty Six Only			
35.3	10-12 Way	Each	2	381	-	-	762.00
				Rupees Three Hundreds Eighty One Only			
36	Supplying and fixing 6A One Way Switch	Each	5	92	-	-	460.00
				Rupees Ninety Two Only			

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31/12/24

Item No	Description	Unit	Quantity	Rate in ₹	Rebate in %	Rebated Rate	Amount in ₹	
				Rate in Words				
37	Supplying and fixing 6A Three Way socket	Each	8	170	-	-	1,360.00	
			Rupees One Hundreds Seventy Only					
38	Supplying and fixing Stepped Fan Regulator Two Module	Each	4	328	-	-	1,312.00	
			Rupees Three Hundreds Twenty Eight Only					
39	Supplying and fixing 16A One Way Switch	Each	2	261	-	-	522.00	
			Rupees Two Hundreds Sixty One Only					
40	Supplying and fixing 6/16A Universal Socket	Each	2	261	-	-	522.00	
			Rupees Two Hundreds Sixty One Only					
41	Supplying and fixing regular MCB distribution boards on wall/ood board / flush mounting using required c/a, bolts, nuts etc., with provision for fixing suitable type capacity MCB's single phase/3 phase/single door with powder coated painting Made out of 14 SWG MS enclosure. 4 Way TP & N	Each	3	3205	-	-	9,615.00	
			Rupees Three Thousand Two Hundreds Five Only					
42	Supplying, fixing and wiring Residual current circuit breaker (RCCB) 240/32-40A 4 pole	Each	3	4910	-	-	14,730.00	
			Rupees Four Thousand Nine Hundreds Ten Only					
43	Supplying and fixing of Modular MCB Devices (Tripper) with following				-	-	-	
43.1	Breaking capacity of 6kA. 16 - 32 A SP	Each	10	199	-	-	1,990.00	
			Rupees One Hundreds Ninety Nine Only					
43.2	Breaking capacity of 6kA., 16 - 32 A TP	Each	3	757	-	-	2,271.00	
			Rupees Seven Hundreds Fifty Seven Only					
44	Supplying of fixing -PVC Batten with integrated LED tube following watts, with high quality diffuser with Life of 25000 burning hours & 70% lumen maintenance with CRI > 80. Power Input: 220-240V@ 50/60Hz & Power factor >0.9 along with CE approved. 2 years Warranty against any manufacturing defect working under standard electrical condition.				-	-	-	
44.1	LED light fitting 1 x 4' - 20/22 W	Each	2	777	-	-	1,554.00	
			Rupees Seven Hundreds Seventy Seven Only					
44.2	LED light fitting 1 x 4' - 36/40 W	Each	2	1256	-	-	2,512.00	
			Rupees One Thousand Two Hundreds Fifty Six Only					
Schedule : SMU:DOperation&Mainten								

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23/12/20

Co		Name of Work: Construction of 1 MLD capacity Water Treatment Plant at Kaiga Township, Mallapur. WO / SOQR Number : 102114				Agency Name : M/s KVR Construction Heights Pvt. Ltd.			
Item No	Description	Unit	Quantity	Rate in ₹	Rebate in %	Rebated Rate	Amount in ₹		
				Rate in Words					
1	Operating the equipment and pumps at WTP and Intermediate Pumping Station such as clarifier, balancing tank, rapid sand filter, pressure filter, pump house, sludge collection sump, distribution as directed by Engineer-In-Charge in round the clock shifts by engaging one operator of semi-skilled category in each shift of eight hrs. This operation also includes regular maintenances of water treatment plant equipment and pumps as per requirement with all tool and tackles required for oil changing, greasing, gland rope changing, gasket replacing etc, also disassembling/ lifting the pumps/ motor form location during major break downs cleaning and maintenances etc. complete as directed by Engineer-In-Charge.	Each operation	1095	1034	-	-	11,32,230.00	Rupees One Thousand Thirty Four Only	
2	Assisting operator of the equipment and pumps at WTP and Intermediate Pumping Station such as clarifier, balancing tank, rapid sand filter, pressure filter, pump house, sludge collection sump, distribution as directed by Engineer-In-Charge in round the clock shifts by engaging one helper of un-skilled category in each shift of eight hrs. This operation also includes assisting regular maintenances of water treatment plant equipment and pumps as per requirement with all tool and tackles required for oil changing, greasing, gland rope changing, gasket replacing etc, also disassembling/ lifting the pumps/ motor form location during major break downs cleaning and maintenances etc. complete as directed by Engineer-In-Charge.	Each operation	1095	888	-	-	9,72,360.00	Rupees Eight Hundreds Eighty Eight Only	
3	Providing & supplying chlorine to chlorinate treated water before supplying to distribution, completing all as per direction of Engineer in charge.	Kg	37000	8	-	-	2,96,000.00	Rupees Eight Only	
4	Providing & supplying alum, for coagulant dosing of raw water in the process of treatment, completing all as per direction of Engineer in charge.	Kg	51000	20	-	-	10,20,000.00	Rupees Twenty Only	
5	Testing of 2 sets of samples of "DRINKING WATER (RAW AND TREATED)" once in a month at state pollution control board accredited laboratory including collection of samples in bottles/ice container, obtaining test results and submitting to Engineer-In - Charge. Note: Rate shall be inclusive of cost of laboratory charges, manpower, ice container, transportation and over head charges up to submission of test results to Engineer -In-Charge.	Each Operation	12	3965	-	-	47,580.00	Rupees Three Thousand Nine Hundreds Sixty Five 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. 6,23,48,421.00
Overall Rebate (%)	0
Work Order Value After Overall Rebate in Figure	Rs. 6,23,48,421.00
Work Order Value After Overall Rebate in Words	Rupees Six Crore Twenty Three Lakh Forty Thousand Four Hundreds Twenty One Only

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11/08/2024

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11/08/2024
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SHIVAGOUDA NAGANURI
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Central PSUs