

## LETTER OF ACCEPTANCE

To,  
Sri/Smt M/s.S. Sivaprasad  
PAN : AKAPS1625D

Your e-Tender No WRD/KWA-CE(SR)/TR/8186/2022\_4\_1\_1/1 dated 11-08-2023 for the Others-NABARD- RIDF XXV - CWSS to Kunnathoor, Poruvazhy, Sooranad North Panchayaths in Kunnathoor Taluk and Thazhava, Thodiyoor, Kulasekharapuram Panchayaths in Karunagappally Taluk - Construction of 44 MLD WTP, 900 mm DI CWPM, Supply erection commissioning transformer and allied work, Clear Water pump sets and Filter house at Ambuvila in Kunnathoor.-NABARD- RIDF XXV - CWSS to Kunnathoor, Poruvazhy, Sooranad North Panchayaths in Kunnathoor Taluk and Thazhava, Thodiyoor, Kulasekharapuram Panchayaths in Karunagappally Taluk - Construction of 44 MLD WTP, 900 mm DI CWPM, Supply erection commissioning transformer and allied work, Clear Water pump sets, Filter house unit at Ambuvila in Kunnathoor.-Structural Design Work has been accepted for a quoted amount of **Rs. 304459316/- (Rupees Thirty Crore Forty Four Lakh Fifty Nine Thousand Three Hundred and Sixteen only)** based on rates quoted for individual items which is mentioned in the accompanying schedule. You are directed to submit the stamp GRN ID/Stamp paper, Performance Guarantee and Additional Performance Guarantee as mentioned below and execute an agreement and start the work within a week after getting necessary instructions from the **Executive Engineer(Project Division Kollam)**. The time allowed for executing agreement without fine will be **28 ( Twenty Eight)** days from the date of issue of letter of acceptance and a further period of **10 ( Ten)**days time will be allowed to execute the agreement after realizing a fine of **Rs. 25000/- ( Twenty Five Thousand Only)** .This fine shall be remitted in favour of the Managing Director, Kerala Water Authority, Account No - STSB 701011400000181, District Treasury, Thiruvananthapuram through e-treasury payment gateway.

1. stamp paper required value **RS. 100000/- ( One Lakh Only)** shall be submitted to the Agreement Authority. (subject to govt orders)

2. Before executing the agreement, you should deposit a Performance Guarantee of **3%** of contract value, ie. **Rs. 9133779/- (Rupees Ninety One Lakh Thirty Three Thousand Seven Hundred and Seventy Nine only)** and should be submitted within **28 ( Twenty Eight)** days of receipt of this LOA (Letter of Acceptance) as below.

a) At least **Fifty (50%)** of Performance Guarantee shall be in the form of Treasury Fixed Deposit in the name of Agreement Authority for a period not less than 28 (twenty eight) days after the completion of defect liability period.

b) Balance Performance Guarantee shall be in the form of bank guarantee. Bank Guarantee is to be submitted in the format prescribed by the Employer in the bid document. Bank Guarantee shall be unconditional and it shall be from any Nationalized/ Scheduled Bank/ Kerala Financial Corporation/ District Co-operative Banks, Primary Co-operative Banks, Urban Co-operative Banks or any other forms prescribed in the revised PWD Manual to be submitted before executing agreement and shall be valid till 28 (twenty eight) days after the completion of defect liability of the Work, in approved format. The Bank Guarantee on instalment basis with lesser period of validity shall not be accepted.

3. An Additional Performance Guarantee of **Rs. 0/- (Rupees only)** shall be also deposited for unbalanced price in addition to the normal Performance Guarantee in the following form and it should be to be submitted before executing agreement.

a) At least Fifty percent (50%) of Additional Performance Guarantee shall be in the form of Treasury Fixed Deposit in the name of Agreement Authority for a period not less than 28 (twenty eight) days after the completion of the work.

b) Balance Additional Performance Guarantee Treasury shall be in the form of bank guarantee. Bank Guarantee is to be submitted in the format prescribed by the Employer in the bid document. Bank Guarantee shall be unconditional and it shall be from any Nationalized/ Scheduled Bank/ Kerala Financial Corporation/ District Co-operative Banks, Primary

Co-operative Banks, Urban Co-operative Banks or any other forms prescribed in the revised PWD Manual and shall be valid till 28(twenty eight) days after the completion of the Work, in approved format. The Bank Guarantee on instalment basis with lesser period of validity shall not be accepted.

OR

a) Full amount of additional performance guarantee shall be accepted in case of guarantees issued by Kerala Financial Corporation

4. In addition to Performance Guarantee and Additional Performance Guarantee, Performance Security Deposit at the rate 2.5% of Bill amount will be deducted from running bills .

5. Solicitor's fee, if any, to be paid to the Law Officers of Government for scrutinising or drawing up of agreements- will be paid and the same recovered from the successful bidder.

6. You are requested to take an Insurance cover for this work for an amount of Rs. **500000** /- (**Rupees Five Lakh only**) and submit the same within 15 days of Start of work subjected to the provisions provided in the Bid Document. 0.2% of the Contract Amount will be deducted in the event of failure to submit the Insurance to the concerned Authorities as noted above. (The value shall be generally 0.5% of the Contract Value subject to a minimum of Rs. 2.00 lakh and maximum of Rs. 5.00 lakh.).

7. Engineering personnel in addition to other supporting staff as detailed below for tenure of the contract for works supervision shall be employed.

**Works Manager- 1no.(Civil Engineering Graduate with minimum 5 years experience), Site Engineers- 3 nos (2 nos for supervision and 1 no for Quality Control) - (Civil Engineering graduate with minimum 3 years experience), Supervisor- 4 nos (Civil Engineering Diploma holder with minimum 2 year experience) and Supervisor (Mechanical) (if required) - 1 no (Mechanical Engineering Diploma holder with minimum 2 year experience)**

8. The Contractor shall enter into a Contract Agreement with the Agreement Authority within 28 Twenty Eight working days from the date of 'Acceptance of Tender' or within such extended time as may be granted by the Agreement Authority. The date of despatch of Letter of Acceptance through Contractors Portal shall be the date of Acceptance of Tender.

9. In the eventuality of failure to produce the original documents, or submit the performance security, or enter into agreement with the Agreement Authority within the specified time limit, the Bidder shall be debarred in future from participating in all Government Bids for three years and will be recommended for blacklisting by the competent authority. In such cases, the Government may rearrange the work otherwise or get it done departmentally at the risk and the cost of the Bidder and the loss so sustained by the Government can be realized from the Bidder under the Revenue recovery Act or otherwise the Government may decide.

10. The work should be completed in all respects within **6 months 1 year** from the date of handing over the site.

11. Defect Liability period will be **2 years**

12. All the details mentioned above shall be submitted to the Agreement Authority within 14 (fourteen) days from the date of 'Acceptance of Tender' or within such extended time as may be granted by the Agreement Authority.

13. All the terms and conditions of the Notice Inviting tenders and tender shall be binding on the Contractor.

**Sabeer A Rahim(G12583)**  
**Superintending Engineer**

## ACCEPTED SCHEDULE

Name of Work: Others-NABARD- RIDF XXV - CWSS to Kunnathoor, Poruvazhy, Sooranad North Panchayaths in Kunnathoor Taluk and Thazhava, Thodiyoor, Kulasekharapuram Panchayaths in Karunagappally Taluk - Construction of 44 MLD WTP, 900 mm DI CWPM, Supply erection commissioning transformer and allied work, Clear Water pump sets and Filter house at Ambuvila in Kunnathoor.-NABARD- RIDF XXV - CWSS to Kunnathoor, Poruvazhy, Sooranad North Panchayaths in Kunnathoor Taluk and Thazhava, Thodiyoor, Kulasekharapuram Panchayaths in Karunagappally Taluk - Construction of 44 MLD WTP, 900 mm DI CWPM, Supply erection commissioning transformer and allied work, Clear Water pump sets, Filter house unit at Ambuvila in Kunnathoor.-Structural Design Work (DSR 2018 with Cost Index 138.14 )

SI No	Description of work	No. or Qty.	Unit	Accepted Rate	TOTAL AMOUNT	TOTAL AMOUNT in words
<b>1</b>	<b>Constructing 44 MLD Water Treatment Plant at Ambuvila in kunathoor -1 . Clearing and levelling site</b>					
1.001	2.31 - Clearing jungle including uprooting of rank vegetation, grass, brush wood, trees and saplings of girth up to 30 cm measured at a height of 1 m above ground level and removal of rubbish up to a distance of 50 m outside the periphery of the area cleared	6382.000	sqm	16.08	102622.56	Rupees One Lakh Two Thousand Six Hundred Twenty Two And Fifty Six paise Only
1.002	2.33.1 - Felling trees of the girth (measured at a height of 1 m above ground level) including cutting of trunks and branches, removing the roots and stacking of serviceable material and disposal of unserviceable material.Beyond 30 cm girth up to and including 60 cm girth	8.000	each	488.36	3906.88	Rupees Three Thousand Nine Hundred Six And Eighty Eight paise Only
1.003	2.1.1 - Earth work in surface excavation not exceeding 30 cm in depth but exceeding 1.5m in width as well as 10 sqm on plan including disposal of excavated earth up to 50 m and lift up to 1.5 m, disposed soil to be levelled and neatly dressed:All Kinds of soil	638.200	sqm	118.78	75805.40	Rupees Seventy Five Thousand Eight Hundred Five And Forty Zero paise Only
<b>2</b>	<b>Constructing Aerator</b>					
2.001	2.8.1 - Earth work in excavation by mechanical means (Hydraulic excavator)	85.174	cum	323.75	27575.08	Rupees Twenty Seven Thousand Five

SI No	Description of work	No. or Qty.	Unit	Accepted Rate	TOTAL AMOUNT	TOTAL AMOUNT in words
	/manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, lift up to 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m.All kinds of soil					Hundred Seventy Five And Eight paise Only
2.002	2.9.1 - Excavation work by mechanical means (Hydraulic excavator) / manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, lift up to 1.5 m, including getting out the excavated soil and disposal of surplus excavated soils as directed, within a lead of 50 m.Ordinary rock	100.776	cum	575.07	57953.25	Rupees Fifty Seven Thousand Nine Hundred Fifty Three And Twenty Five paise Only
2.003	2.26.2 - Extra for every additional lift 1.5 m or part there of in excavation / banking excavated or stacked materials.Ordinary or hard rock	3.434	cum	207.99	714.24	Rupees Seven Hundred Fourteen And Twenty Four paise Only
2.004	4.20.1.1 - Providing and laying in position ready mixed plain cement concrete, with cement content as per approved design mix and manufactured in fully automatic batching plant and transported to site of work in transit mixer for all leads, having continuous agitated mixer, manufactured as per mix design of specified grade for plain cement concrete work, including pumping of R.M.C. from transit mixer to site of laying and curing, excluding the cost of centering, shuttering and finishing, including cost of curing, admixtures in recommended proportions as per IS : 9 1 0 3 to accelerate/retard setting of concrete, improve workability without impairing strength and durability as per direction of the Engineer - in - charge. Note : 1) Excess /less cement used than specified in this item is payable / recoverable	3.691	cum	10138.03	37419.47	Rupees Thirty Seven Thousand Four Hundred Nineteen And Forty Seven paise Only

SI No	Description of work	No. or Qty.	Unit	Accepted Rate	TOTAL AMOUNT	TOTAL AMOUNT in words
	separately. All works upto plinth level:M-15 grade plain cement concrete (cement content considered @ 240 kg/cum)					
2.005	5.33.1 - Providing and laying in position machine batched and machine mixed design mix M-25 grade cement concrete for reinforced cement concrete work, using cement content as per approved design mix, including pumping of concrete to site of laying but excluding the cost of centering, shuttering, finishing and reinforcement, including admixtures in recommended proportions as per IS: 9103 to accelerate, retard setting of concrete, improve workability without impairing strength and durability as per direction of Engineer - in-charge. Note:- Cement content considered in this item is @ 330 kg/ cum. Excess or less cement used as per design mix is payable or recoverable separately.All work upto plinth level	10.660	cum	10262.92	109402.73	Rupees One Lakh Nine Thousand Four Hundred Two And Seventy Three paise Only
2.006	5.33.2 - Providing and laying in position machine batched and machine mixed design mix M-25 grade cement concrete for reinforced cement concrete work, using cement content as per approved design mix, including pumping of concrete to site of laying but excluding the cost of centering, shuttering, finishing and reinforcement, including admixtures in recommended proportions as per IS: 9103 to accelerate, retard setting of concrete, improve workability without impairing strength and durability as per direction of Engineer - in-charge. Note:- Cement content considered in this item is @ 330 kg/ cum. Excess or less cement used as per design mix is payable or recoverable separately.All work above plinth level upto floor V level	66.322	cum	12062.92	800036.98	Rupees Eight Lakh Zero Zero Thirty Six And Ninety Eight paise Only

SI No	Description of work	No. or Qty.	Unit	Accepted Rate	TOTAL AMOUNT	TOTAL AMOUNT in words
2.007	5.34.1 - Extra for providing richer mixes at all floor levels. Note:- Excess/less cement over the specified cement content used is payable/ recoverable separately.Providing M-30 grade concrete instead of M-25 grade BMC/RMC. (Note:- Cement content considered in M-30 is @ 340 kg/cum).	54.654	cum	89.48	4890.44	Rupees Four Thousand Eight Hundred Ninety Zero And Forty Four paise Only
2.008	5.9.1 - Centering and shuttering including strutting, etc. and removal of form for:Foundations, footings, bases of columns, etc for mass concrete	12.843	sqm	365.53	4694.50	Rupees Four Thousand Six Hundred Ninety Four And Fifty Zero paise Only
2.009	5.9.2 - Centering and shuttering including strutting, etc. and removal of form for:Walls (any thickness) including attached pilasters, butresses, plinth and string courses etc.	300.406	sqm	781.84	234869.43	Rupees Two Lakh Thirty Four Thousand Eight Hundred Sixty Nine And Forty Three paise Only
2.010	5.9.3 - Centering and shuttering including strutting, etc. and removal of form for:Suspended floors, roofs, landings, balconies and access platform	144.501	sqm	889.27	128500.40	Rupees One Lakh Twenty Eight Thousand Five Hundred Zero And Forty Zero paise Only
2.011	5.9.5 - Centering and shuttering including strutting, etc. and removal of form for:Lintels, beams, plinth beams, girders bressumers and cantilevers	34.336	sqm	708.36	24322.25	Rupees Twenty Four Thousand Three Hundred Twenty Two And Twenty Five paise Only
2.012	5.9.6 - Centering and shuttering including strutting, etc. and removal of form for:Columns, Pillars, Piers, Abutments, Posts and Struts	32.256	sqm	941.45	30367.41	Rupees Thirty Zero Thousand Three Hundred Sixty Seven And Forty One paise Only
2.013	5.22.6 - Steel reinforcement for R.C.C work including straightening, cutting, bending, placing in position and binding all complete upto plinth levelThermo - Mechanically Treated bars of grade Fe-500D or more	7623.720	kilogram	107.16	816957.84	Rupees Eight Lakh Sixteen Thousand Nine Hundred Fifty Seven And Eighty Four paise Only
2.014	13.9.1 - Cement plaster 1:3 ( 1 cement : 3 coarse sand) finished with a floating coat of neat cement.12 mm cement plaster	496.508	sqm	449.28	223071.11	Rupees Two Lakh Twenty Three Thousand Zero Seventy One And Eleven paise Only
2.015	13.21 - Extra for providing	210.208	kg	1.54	323.72	Rupees Three

SI No	Description of work	No. or Qty.	Unit	Accepted Rate	TOTAL AMOUNT	TOTAL AMOUNT in words
	and mixing water proofing material in cement plaster work in proportion recommended by the manufacturers.					Hundred Twenty Three And Seventy Two paise Only
2.016	13.46.1 - Finishing walls with Acrylic Smooth exterior paint of required shade:New work (Two or more coat applied @ 1.67 ltr/10 sqm over and including priming coat of exterior primer applied @ 2.20 kg/10 sqm)	286.300	sqm	211.36	60512.37	Rupees Sixty Zero Thousand Five Hundred Twelve And Thirty Seven paise Only
<b>3</b>	<b>Constructing raw water channel</b>					
3.001	2.8.1 - Earth work in excavation by mechanical means (Hydraulic excavator) /manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, lift up to 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m.All kinds of soil	33.600	cum	323.75	10878.00	Rupees Ten Thousand Eight Hundred Seventy Eight Only
3.002	2.9.1 - Excavation work by mechanical means (Hydraulic excavator) / manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, lift up to 1.5 m, including getting out the excavated soil and disposal of surplus excavated soils as directed, within a lead of 50 m.Ordinary rock	38.400	cum	575.07	22082.69	Rupees Twenty Two Thousand Zero Eighty Two And Sixty Nine paise Only
3.003	4.1.4 - Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level:1:2:4 )1 cement : 2 coarse sand : 4 graded stone aggregate 40 mm nominal size)	4.800	cum	8571.91	41145.17	Rupees Forty One Thousand One Hundred Forty Five And Seventeen paise Only
3.004	5.33.1 - Providing and laying in position machine batched and machine mixed design mix M-25 grade cement concrete for reinforced cement concrete work, using cement content as per approved design mix, including pumping of	11.208	cum	10261.92	115015.60	Rupees One Lakh Fifteen Thousand Zero Fifteen And Sixty Zero paise Only

SI No	Description of work	No. or Qty.	Unit	Accepted Rate	TOTAL AMOUNT	TOTAL AMOUNT in words
	concrete to site of laying but excluding the cost of centering, shuttering, finishing and reinforcement, including admixtures in recommended proportions as per IS: 9103 to accelerate, retard setting of concrete, improve workability without impairing strength and durability as per direction of Engineer - in-charge. Note:- Cement content considered in this item is @ 330 kg/ cum. Excess or less cement used as per design mix is payable or recoverable separately. All work upto plinth level					
3.005	5.33.2 - Providing and laying in position machine batched and machine mixed design mix M-25 grade cement concrete for reinforced cement concrete work, using cement content as per approved design mix, including pumping of concrete to site of laying but excluding the cost of centering, shuttering, finishing and reinforcement, including admixtures in recommended proportions as per IS: 9103 to accelerate, retard setting of concrete, improve workability without impairing strength and durability as per direction of Engineer - in-charge. Note:- Cement content considered in this item is @ 330 kg/ cum. Excess or less cement used as per design mix is payable or recoverable separately. All work above plinth level upto floor V level	30.410	cum	12062.92	366833.40	Rupees Three Lakh Sixty Six Thousand Eight Hundred Thirty Three And Forty Zero paise Only
3.006	5.34.1 - Extra for providing richer mixes at all floor levels. Note:- Excess/less cement over the specified cement content used is payable/ recoverable separately. Providing M-30 grade concrete instead of M-25 grade BMC/RMC. (Note:- Cement content considered in M-30 is @ 340 kg/cum).	21.450	cum	89.48	1919.35	Rupees One Thousand Nine Hundred Nineteen And Thirty Five paise Only
3.007	5.9.1 - Centering and shuttering including strutting, etc. and removal of form	51.520	sqm	365.53	18832.11	Rupees Eighteen Thousand Eight



SI No	Description of work	No. or Qty.	Unit	Accepted Rate	TOTAL AMOUNT	TOTAL AMOUNT in words
	for:Foundations, footings, bases of columns, etc for mass concrete					Hundred Thirty Two And Eleven paise Only
3.008	5.9.2 - Centering and shuttering including strutting, etc. and removal of form for:Walls (any thickness) including attached pilasters, buttersesses, plinth and string courses etc.	160.000	sqm	781.84	125094.40	Rupees One Lakh Twenty Five Thousand Zero Ninety Four And Forty Zero paise Only
3.009	5.9.3 - Centering and shuttering including strutting, etc. and removal of form for:Suspended floors, roofs, landings, balconies and access platform	80.000	sqm	889.27	71141.60	Rupees Seventy One Thousand One Hundred Forty One And Sixty Zero paise Only
3.010	5.9.5 - Centering and shuttering including strutting, etc. and removal of form for:Lintels, beams, plinth beams, girders bressumers and cantilevers	24.000	sqm	708.36	17000.64	Rupees Seventeen Thousand Zero Zero And Sixty Four paise Only
3.011	5.9.6 - Centering and shuttering including strutting, etc. and removal of form for:Columns, Pillars, Piers, Abutments, Posts and Struts	28.800	sqm	941.45	27113.76	Rupees Twenty Seven Thousand One Hundred Thirteen And Seventy Six paise Only
3.012	5.22.6 - Steel reinforcement for R.C.C work including straightening, cutting, bending, placing in position and binding all complete upto plinth levelThermo - Mechanically Treated bars of grade Fe-500D or more	4241.000	kilogram	107.16	454465.56	Rupees Four Lakh Fifty Four Thousand Four Hundred Sixty Five And Fifty Six paise Only
3.013	13.9.1 - Cement plaster 1:3 ( 1 cement : 3 coarse sand) finished with a floating coat of neat cement.12 mm cement plaster	370.800	sqm	449.28	166593.02	Rupees One Lakh Sixty Six Thousand Five Hundred Ninety Three And Two paise Only
3.014	13.21 - Extra for providing and mixing water proofing material in cement plaster work in proportion recommended by the manufacturers.	128.000	kg	1.54	197.12	Rupees One Hundred Ninety Seven And Twelve paise Only
3.015	13.46.1 - Finishing walls with Acrylic Smooth exterior paint of required shade:New work (Two or more coat applied @ 1.67 ltr/10 sqm over and including priming coat of exterior primer applied @ 2.20 kg/10 sqm)	242.800	sqm	211.36	51318.21	Rupees Fifty One Thousand Three Hundred Eighteen And Twenty One paise Only

SI No	Description of work	No. or Qty.	Unit	Accepted Rate	TOTAL AMOUNT	TOTAL AMOUNT in words
<b>4</b>	<b>Constructing flash mixer -2 units</b>					
4.001	2.8.1 - Earth work in excavation by mechanical means (Hydraulic excavator) /manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, lift up to 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m.All kinds of soil	20.250	cum	323.75	6555.94	Rupees Six Thousand Five Hundred Fifty Five And Ninety Four paise Only
4.002	2.9.1 - Excavation work by mechanical means (Hydraulic excavator) / manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, lift up to 1.5 m, including getting out the excavated soil and disposal of surplus excavated soils as directed, within a lead of 50 m.Ordinary rock	16.875	cum	575.07	9704.31	Rupees Nine Thousand Seven Hundred Four And Thirty One paise Only
4.003	2.26.2 - Extra for every additional lift 1.5 m or part there of in excavation / banking excavated or stacked materials.Ordinary or hard rock	16.875	cum	207.99	3509.83	Rupees Three Thousand Five Hundred Nine And Eighty Three paise Only
4.004	4.1.4 - Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level:1:2:4 )1 cement : 2 coarse sand : 4 graded stone aggregate 40 mm nominal size)	1.350	cum	8571.91	11572.08	Rupees Eleven Thousand Five Hundred Seventy Two And Eight paise Only
4.005	5.33.1 - Providing and laying in position machine batched and machine mixed design mix M-25 grade cement concrete for reinforced cement concrete work, using cement content as per approved design mix, including pumping of concrete to site of laying but excluding the cost of centering, shuttering, finishing and reinforcement, including admixtures in recommended proportions as per IS: 9103 to accelerate,	9.925	cum	10261.92	101849.56	Rupees One Lakh One Thousand Eight Hundred Forty Nine And Fifty Six paise Only

SI No	Description of work	No. or Qty.	Unit	Accepted Rate	TOTAL AMOUNT	TOTAL AMOUNT in words
	retard setting of concrete, improve workability without impairing strength and durability as per direction of Engineer - in-charge. Note:- Cement content considered in this item is @ 330 kg/ cum. Excess or less cement used as per design mix is payable or recoverable separately. All work upto plinth level					
4.006	5.33.2 - Providing and laying in position machine batched and machine mixed design mix M-25 grade cement concrete for reinforced cement concrete work, using cement content as per approved design mix, including pumping of concrete to site of laying but excluding the cost of centering, shuttering, finishing and reinforcement, including admixtures in recommended proportions as per IS: 9103 to accelerate, retard setting of concrete, improve workability without impairing strength and durability as per direction of Engineer - in-charge. Note:- Cement content considered in this item is @ 330 kg/ cum. Excess or less cement used as per design mix is payable or recoverable separately. All work above plinth level upto floor V level	4.625	cum	12062.92	55791.01	Rupees Fifty Five Thousand Seven Hundred Ninety One And One paise Only
4.007	5.34.1 - Extra for providing richer mixes at all floor levels. Note:- Excess/less cement over the specified cement content used is payable/ recoverable separately. Providing M-30 grade concrete instead of M-25 grade BMC/RMC. (Note:- Cement content considered in M-30 is @ 340 kg/cum).	14.550	cum	89.48	1301.93	Rupees One Thousand Three Hundred One And Ninety Three paise Only
4.008	5.9.1 - Centering and shuttering including strutting, etc. and removal of form for: Foundations, footings, bases of columns, etc for mass concrete	4.500	sqm	365.53	1644.89	Rupees One Thousand Six Hundred Forty Four And Eighty Nine paise Only
4.009	5.9.2 - Centering and shuttering including strutting, etc. and removal of form for: Walls (any thickness)	84.000	sqm	781.84	65674.56	Rupees Sixty Five Thousand Six Hundred Seventy Four

SI No	Description of work	No. or Qty.	Unit	Accepted Rate	TOTAL AMOUNT	TOTAL AMOUNT in words
	including attached pilasters, buttersesses, plinth and string courses etc.					And Fifty Six paise Only
4.010	5.22.6 - Steel reinforcement for R.C.C work including straightening, cutting, bending, placing in position and binding all complete upto plinth levelThermo - Mechanically Treated bars of grade Fe-500D or more	1746.000	kilogram	107.16	187101.36	Rupees One Lakh Eighty Seven Thousand One Hundred One And Thirty Six paise Only
4.011	13.9.1 - Cement plaster 1:3 (1 cement : 3 coarse sand) finished with a floating coat of neat cement.12 mm cement plaster	91.000	sqm	449.28	40884.48	Rupees Forty Zero Thousand Eight Hundred Eighty Four And Forty Eight paise Only
4.012	13.21 - Extra for providing and mixing water proofing material in cement plaster work in proportion recommended by the manufacturers.	91.000	kg	1.54	140.14	Rupees One Hundred Forty Zero And Fourteen paise Only
4.013	13.46.1 - Finishing walls with Acrylic Smooth exterior paint of required shade:New work (Two or more coat applied @ 1.67 ltr/10 sqm over and including priming coat of exterior primer applied @ 2.20 kg/10 sqm)	22.500	sqm	211.36	4755.60	Rupees Four Thousand Seven Hundred Fifty Five And Sixty Zero paise Only
<b>5</b>	<b>APPENDIX E5- CONSTRUCTING CHEMICAL HOUSE</b>					
5.001	2.8.1 - Earth work in excavation by mechanical means (Hydraulic excavator) /manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, lift up to 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m.All kinds of soil	65.520	cum	323.75	21212.10	Rupees Twenty One Thousand Two Hundred Twelve And Ten paise Only
5.002	2.9.1 - Excavation work by mechanical means (Hydraulic excavator) / manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, lift up to 1.5 m, including getting out the excavated soil and disposal of surplus excavated soils as directed, within a lead	83.169	cum	575.07	47828.00	Rupees Forty Seven Thousand Eight Hundred Twenty Eight Only

SI No	Description of work	No. or Qty.	Unit	Accepted Rate	TOTAL AMOUNT	TOTAL AMOUNT in words
	of 50 m.Ordinary rock					
5.003	2.26.2 - Extra for every additional lift 1.5 m or part there of in excavation / banking excavated or stacked materials.Ordinary or hard rock	9.241	cum	207.99	1922.04	Rupees One Thousand Nine Hundred Twenty Two And Four paise Only
5.004	4.1.4 - Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level:1:2:4 )1 cement : 2 coarse sand : 4 graded stone aggregate 40 mm nominal size)	26.232	cum	8571.91	224858.34	Rupees Two Lakh Twenty Four Thousand Eight Hundred Fifty Eight And Thirty Four paise Only
5.005	2.25 - Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundation etc. in layers not exceeding 20 cm in depth, consolidating each deposited layer by ramming and watering, lead up to 50 m and lift up to 1.5 m.	75.924	cum	281.86	21399.94	Rupees Twenty One Thousand Three Hundred Ninety Nine And Ninety Four paise Only
5.006	5.33.1 - Providing and laying in position machine batched and machine mixed design mix M-25 grade cement concrete for reinforced cement concrete work, using cement content as per approved design mix, including pumping of concrete to site of laying but excluding the cost of centering, shuttering, finishing and reinforcement, including admixtures in recommended proportions as per IS: 9103 to accelerate, retard setting of concrete, improve workability without impairing strength and durability as per direction of Engineer - in-charge. Note:- Cement content considered in this item is @ 330 kg/ cum. Excess or less cement used as per design mix is payable or recoverable separately.All work upto plinth level	40.717	cum	10261.92	417834.60	Rupees Four Lakh Seventeen Thousand Eight Hundred Thirty Four And Sixty Zero paise Only
5.007	5.33.2 - Providing and laying in position machine batched and machine mixed design mix M-25 grade cement concrete for reinforced cement concrete work, using cement content as per	95.551	cum	12062.92	1152624.07	Rupees Eleven Lakh Fifty Two Thousand Six Hundred Twenty Four And Seven paise Only

SI No	Description of work	No. or Qty.	Unit	Accepted Rate	TOTAL AMOUNT	TOTAL AMOUNT in words
	approved design mix, including pumping of concrete to site of laying but excluding the cost of centering, shuttering, finishing and reinforcement, including admixtures in recommended proportions as per IS: 9103 to accelerate, retard setting of concrete, improve workability without impairing strength and durability as per direction of Engineer - in-charge. Note:- Cement content considered in this item is @ 330 kg/ cum. Excess or less cement used as per design mix is payable or recoverable separately. All work above plinth level upto floor V level					
5.008	5.34.1 - Extra for providing richer mixes at all floor levels. Note:- Excess/less cement over the specified cement content used is payable/ recoverable separately. Providing M-30 grade concrete instead of M-25 grade BMC/RMC. (Note:- Cement content considered in M-30 is @ 340 kg/cum).	57.286	cum	89.48	5125.95	Rupees Five Thousand One Hundred Twenty Five And Ninety Five paise Only
5.009	5.9.1 - Centering and shuttering including strutting, etc. and removal of form for: Foundations, footings, bases of columns, etc for mass concrete	126.280	sqm	365.53	46159.13	Rupees Forty Six Thousand One Hundred Fifty Nine And Thirteen paise Only
5.010	5.9.3 - Centering and shuttering including strutting, etc. and removal of form for: Suspended floors, roofs, landings, balconies and access platform	423.451	sqm	889.27	376562.27	Rupees Three Lakh Seventy Six Thousand Five Hundred Sixty Two And Twenty Seven paise Only
5.011	5.11.1 - Extra additional height in centering, shuttering where ever required with adequate bracing, propping etc. including cost of de-shuttering and decentering at all levels, over a height of 3.5m, for every additional height of 1 metre or part thereof (Plan area to be measured). Suspended floors, roofs, landing, beams and balconies (Plan area to be measured)	400.806	sqm	368.89	147853.33	Rupees One Lakh Forty Seven Thousand Eight Hundred Fifty Three And Thirty Three paise Only

SI No	Description of work	No. or Qty.	Unit	Accepted Rate	TOTAL AMOUNT	TOTAL AMOUNT in words
5.012	5.9.5 - Centering and shuttering including strutting, etc. and removal of form for: Lintels, beams, plinth beams, girders bressumers and cantilevers	136.130	sqm	708.36	96429.05	Rupees Ninety Six Thousand Four Hundred Twenty Nine And Five paise Only
5.013	5.9.6 - Centering and shuttering including strutting, etc. and removal of form for: Columns, Pillars, Piers, Abutments, Posts and Struts	248.150	sqm	941.45	233620.82	Rupees Two Lakh Thirty Three Thousand Six Hundred Twenty And Eighty Two paise Only
5.014	5.22.6 - Steel reinforcement for R.C.C work including straightening, cutting, bending, placing in position and binding all complete upto plinth level Thermo - Mechanically Treated bars of grade Fe-500D or more	16371.680	kilogram	107.16	1754389.23	Rupees Seventeen Lakh Fifty Four Thousand Three Hundred Eighty Nine And Twenty Three paise Only
5.015	6.4.1 - Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in superstructure above plinth level up to floor V level in all shapes and sizes in: Cement mortar 1:4 ( 1 cement : 4 coarse sand)	94.198	cum	10020.66	943926.13	Rupees Nine Lakh Forty Three Thousand Nine Hundred Twenty Six And Thirteen paise Only
5.016	13.9.1 - Cement plaster 1:3 ( 1 cement : 3 coarse sand) finished with a floating coat of neat cement. 12 mm cement plaster	2355.208	sqm	449.28	1058147.85	Rupees Ten Lakh Fifty Eight Thousand One Hundred Forty Seven And Eighty Five paise Only
5.017	13.21 - Extra for providing and mixing water proofing material in cement plaster work in proportion recommended by the manufacturers.	218.153	kg	1.54	335.96	Rupees Three Hundred Thirty Five And Ninety Six paise Only
5.018	11.37 - Providing and laying Ceramic glazed floor tiles of size 300x300 mm (thickness to be specified by the manufacturer), of 1st quality conforming to IS : 15622, of approved make, in colours such as White, Ivory, Grey, Fume Red Brown, laid on 20 mm thick cement mortar 1:4 (1 Cement : 4 Coarse sand), including pointing the joints with white cement and matching pigment etc., complete.	47.100	sqm	1189.38	56019.80	Rupees Fifty Six Thousand Zero Nineteen And Eighty Zero paise Only

SI No	Description of work	No. or Qty.	Unit	Accepted Rate	TOTAL AMOUNT	TOTAL AMOUNT in words
5.019	11.41.2 - Providing and laying vitrified floor tiles in different sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS : 15622, of approved make, in all colours and shades, laid on 20 mm thick cement mortar 1:4(1 cement : 4 coarse sand), including grouting the joints with white cement and matching pigments etc., complete.Size of Tile 600 x 600 mm.	154.253	sqm	1925.48	297011.07	Rupees Two Lakh Ninety Seven Thousand Zero Eleven And Seven paise Only
5.020	16.89 - Providing and laying matt finished vitrified tile of size 300x300x9.8mm having with water absorption less than 0.5% and conforming to IS: 15622 of approved make in all colours and shades in for outdoor floors such as footpath, court yard, multi models location etc., laid on 20mm thick base of cement mortar 1:4 (1 cement : 4 coarse sand) in all shapes & patterns including grouting the joints with white cement mixed with matching pigments etc. complete as per direction of Engineer-in-Charge.	12.000	sqm	1622.95	19475.40	Rupees Nineteen Thousand Four Hundred Seventy Five And Forty Zero paise Only
5.021	10.26.3 - Providing and fixing hand rail of approved size by welding etc. to steel ladder railing, balcony railing, staircase railing and similar works, including applying priming coat of approves steel primer.G.I. pipes	102.000	kg	202.77	20682.54	Rupees Twenty Thousand Six Hundred Eighty Two And Fifty Four paise Only
5.022	OD86738/2022-2023 - Providing and fixing white vitreous china pedestal type water closet (European type W.C. pan) with seat and lid, 10 litre low level white P.V.C. flushing cistern, including flush pipe, with manually controlled device (handle lever), conforming to IS : 7231, with all fittings and fixtures, white vitreous china flat back or wall corner type lipped front urinal basin of 430x260x350 mm and 340x410x265 mm sizes respectively with automatic	1.000	set	19674.55	19674.55	Rupees Nineteen Thousand Six Hundred Seventy Four And Fifty Five paise Only



SI No	Description of work	No. or Qty.	Unit	Accepted Rate	TOTAL AMOUNT	TOTAL AMOUNT in words
	flushing cistern with standard flush pipe and C.P. brass spreaders with brass unions and G.I. clamps, wash basin with C.I. brackets, 15 mm C.P. brass pillar taps, 32 mm C.P. brass waste of standard pattern, including painting of fittings and brackets, 100 mm nominal dia PTMT grating of approved quality and colour, PTMT Soap Dish Holder having length of 138 mm, breadth 102 mm, height of 75 mm with concealed fittings arrangements, weighing not less than 106 gms, PTMT towel rail complete with brackets, 450 mm long towel rail with total length of 495 mm, 78 mm wide and effective height of 88 mm, 8 mm dia C.P. / S.S. Jet with flexible tube upto 1 metre long with S.S. triangular plate to European type W.C, 32 mm dia Flexible pipe, Rectangular shape 453x357 mm mirror of superior glass (of approved quality) etc complete as per directions of depl: officers.					
5.023	50.18.9.3.2 - Providing and fixing PVC pipes includes jointing of pipes with one step PVC solvent cement, trenching, refilling & testing of joints complete as per direction of Engineer in Charge. 25 mm dia 10KGF/cm <sup>2</sup>	100.000	metre	234.21	23421.00	Rupees Twenty Three Thousand Four Hundred Twenty One Only
5.024	18.17.1 - Providing and fixing gun metal gate valve with C.I. wheel of approved quality (screwed end) :25 mm nominal bore	5.000	each	637.94	3189.70	Rupees Three Thousand One Hundred Eighty Nine And Seventy Zero paise Only
5.025	OD93829/2022-2023 - Supplying and installing ready made PVC Septic tank including the cost of carriage, trenching, placing at the level below ground level as specified as per the direction of engineer in charge (Provision for CC/RCC/Sand/06m aggregate for the preparation of bed shall be paid separately) 3.25 to below 35	1.000	each	26264.55	26264.55	Rupees Twenty Six Thousand Two Hundred Sixty Four And Fifty Five paise Only

SI No	Description of work	No. or Qty.	Unit	Accepted Rate	TOTAL AMOUNT	TOTAL AMOUNT in words
	flush capacity					
5.026	13.46.1 - Finishing walls with Acrylic Smooth exterior paint of required shade:New work (Two or more coat applied @ 1.67 ltr/10 sqm over and including priming coat of exterior primer applied @ 2.20 kg/10 sqm)	628.145	sqm	211.36	132764.73	Rupees One Lakh Thirty Two Thousand Seven Hundred Sixty Four And Seventy Three paise Only
5.027	13.41.1 - Distempering with oil bound washable distemper of approved brand and manufacture to give an even shade:New work ( Two or more coats) over and including priming coat with water thinnable cement primer	1095.586	sqm	196.88	215698.97	Rupees Two Lakh Fifteen Thousand Six Hundred Ninety Eight And Ninety Seven paise Only
5.028	13.48.2 - Finishing with Deluxe Multi surface paint system for interiors and exteriors using primer as per m a n u f a c t u r e r s specifications:Painting wood work with Deluxe Multi Surface Paint of required shade. Two or more coat applied @ 0.90 ltr/10 sqm over an under coat of primer applied @ 0.75 ltr/10 sqm of approved brand and manufacture	104.760	sqm	167.11	17506.44	Rupees Seventeen Thousand Five Hundred Six And Forty Four paise Only
5.029	13.48.3 - Finishing with Deluxe Multi surface paint system for interiors and exteriors using primer as per m a n u f a c t u r e r s specifications:Painting Steel work with Deluxe Multi Surface Paint to give an even shade. Two or more coat applied @ 0.90 ltr/10 sqm over an under coat of primer applied @ 0.80 ltr/10 sqm of approved brand and manufacture	61.480	sqm	161.45	9925.95	Rupees Nine Thousand Nine Hundred Twenty Five And Ninety Five paise Only
5.030	50.9.1.1 - Providing wood work in frames of doors, windows, clerestory windows and other frames, wrought framed and fixed in position with hold fast lugs or with dash fasteners of required dia & length (hold fast lugs or dash fastener shall be paid for separately), using good quality Anjili wood /jack wood	1.364	cum	118036.60	161001.92	Rupees One Lakh Sixty One Thousand Zero One And Ninety Two paise Only
5.031	50.9.3.1 - Providing and	8.812	sqm	3268.24	28799.73	Rupees Twenty

SI No	Description of work	No. or Qty.	Unit	Accepted Rate	TOTAL AMOUNT	TOTAL AMOUNT in words
	fixing paneled or paneled and glazed shutters for doors, windows and clerestory windows, 30 mm thick shutters including ISI marked M.S. pressed butt hinges bright finished of required size with necessary screws, excluding paneling which will be paid for separately, all complete as per direction Of Engineer in- charge. using Anjili/ Jack wood					Eight Thousand Seven Hundred Ninety Nine And Seventy Three paise Only
5.032	50.9.4.1 - Providing and fixing paneling or paneling and glazing in paneled or paneled and glazed shutters for doors, windows and clerestory windows (Area of opening for panel inserts excluding portion inside grooves or rebates to be measured) paneling for paneled or paneled and glazed shutters 25 mm to 40 mm thick using good quality Anjili/ Jack wood	28.864	sqm	2957.30	85359.51	Rupees Eighty Five Thousand Three Hundred Fifty Nine And Fifty One paise Only
5.033	10.1 - Structural steel work in single section, fixed with or without connecting plate, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete.	265.576	kilogram	110.40	29319.59	Rupees Twenty Nine Thousand Three Hundred Nineteen And Fifty Nine paise Only
5.034	10.3 - Providing and fixing in position collapsible steel shutters with vertical channels 20x10x2 mm and braced with flat iron diagonals 20x5 mm size, with top and bottom rail of T-iron 40x40x6 mm, with 40 mm dia steel pulleys, complete with bolts, nuts,locking arrangement, stoppers, handles, including applying a priming coat of approved steel primer .	9.000	sqm	11125.76	100131.84	Rupees One Lakh Zero One Hundred Thirty One And Eighty Four paise Only
<b>6</b>	<b>Constructing Alum and Lime solution tank</b>					
6.001	5.33.2 - Providing and laying in position machine batched and machine mixed design mix M-25 grade cement concrete for reinforced cement concrete work, using cement content as per approved design mix, including pumping of concrete to site of laying but	24.940	cum	12062.92	300849.22	Rupees Three Lakh Zero Eight Hundred Forty Nine And Twenty Two paise Only

SI No	Description of work	No. or Qty.	Unit	Accepted Rate	TOTAL AMOUNT	TOTAL AMOUNT in words
	excluding the cost of centering, shuttering, finishing and reinforcement, including admixtures in recommended proportions as per IS: 9103 to accelerate, retard setting of concrete, improve workability without impairing strength and durability as per direction of Engineer - in-charge. Note:- Cement content considered in this item is @ 330 kg/ cum. Excess or less cement used as per design mix is payable or recoverable separately. All work above plinth level upto floor V level					
6.002	5.34.1 - Extra for providing richer mixes at all floor levels. Note:- Excess/less cement over the specified cement content used is payable/ recoverable separately. Providing M-30 grade concrete instead of M-25 grade BMC/RMC. (Note:- Cement content considered in M-30 is @ 340 kg/cum).	24.940	cum	89.48	2231.63	Rupees Two Thousand Two Hundred Thirty One And Sixty Three paise Only
6.003	5.9.2 - Centering and shuttering including strutting, etc. and removal of form for: Walls (any thickness) including attached pilasters, buttresses, plinth and string courses etc.	139.155	sqm	781.84	108796.95	Rupees One Lakh Eight Thousand Seven Hundred Ninety Six And Ninety Five paise Only
6.004	5.9.3 - Centering and shuttering including strutting, etc. and removal of form for: Suspended floors, roofs, landings, balconies and access platform	51.300	sqm	889.27	45619.55	Rupees Forty Five Thousand Six Hundred Nineteen And Fifty Five paise Only
6.005	5.9.5 - Centering and shuttering including strutting, etc. and removal of form for: Lintels, beams, plinth beams, girders bressumers and cantilevers	36.120	sqm	708.36	25585.96	Rupees Twenty Five Thousand Five Hundred Eighty Five And Ninety Six paise Only
6.006	5.22.6 - Steel reinforcement for R.C.C work including straightening, cutting, bending, placing in position and binding all complete upto plinth level Thermo - Mechanically Treated bars of grade Fe-500D or more	3229.640	kilogram	107.16	346088.22	Rupees Three Lakh Forty Six Thousand Zero Eighty Eight And Twenty Two paise Only
6.007	13.9.1 - Cement plaster 1:3 (1 cement : 3 coarse sand) finished with a floating coat	317.614	sqm	449.28	142697.62	Rupees One Lakh Forty Two Thousand Six

SI No	Description of work	No. or Qty.	Unit	Accepted Rate	TOTAL AMOUNT	TOTAL AMOUNT in words
	of neat cement.12 mm cement plaster					Hundred Ninety Seven And Sixty Two paise Only
6.008	13.21 - Extra for providing and mixing water proofing material in cement plaster work in proportion recommended by the manufacturers.	185.894	kg	1.54	286.28	Rupees Two Hundred Eighty Six And Twenty Eight paise Only
6.009	13.46.1 - Finishing walls with Acrylic Smooth exterior paint of required shade:New work (Two or more coat applied @ 1.67 ltr/10 sqm over and including priming coat of exterior primer applied @ 2.20 kg/10 sqm)	141.357	sqm	211.36	29877.22	Rupees Twenty Nine Thousand Eight Hundred Seventy Seven And Twenty Two paise Only
<b>7</b>	<b>Constructing chlorinated room</b>					
7.001	2.8.1 - Earth work in excavation by mechanical means (Hydraulic excavator) /manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, lift up to 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m.All kinds of soil	39.294	cum	323.75	12721.43	Rupees Twelve Thousand Seven Hundred Twenty One And Forty Three paise Only
7.002	2.9.1 - Excavation work by mechanical means (Hydraulic excavator) / manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, lift up to 1.5 m, including getting out the excavated soil and disposal of surplus excavated soils as directed, within a lead of 50 m.Ordinary rock	45.681	cum	575.07	26269.77	Rupees Twenty Six Thousand Two Hundred Sixty Nine And Seventy Seven paise Only
7.003	2.26.2 - Extra for every additional lift 1.5 m or part there of in excavation / banking excavated or stacked materials.Ordinary or hard rock	2.625	cum	207.99	545.97	Rupees Five Hundred Forty Five And Ninety Seven paise Only
7.004	4.1.4 - Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level:1:2:4 )1 cement :	29.754	cum	8571.91	255048.61	Rupees Two Lakh Fifty Five Thousand Zero Forty Eight And Sixty One paise Only

SI No	Description of work	No. or Qty.	Unit	Accepted Rate	TOTAL AMOUNT	TOTAL AMOUNT in words
	2 coarse sand : 4 graded stone aggregate 40 mm nominal size)					
7.005	5.33.1 - Providing and laying in position machine batched and machine mixed design mix M-25 grade cement concrete for reinforced cement concrete work, using cement content as per approved design mix, including pumping of concrete to site of laying but excluding the cost of centering, shuttering, finishing and reinforcement, including admixtures in recommended proportions as per IS: 9103 to accelerate, retard setting of concrete, improve workability without impairing strength and durability as per direction of Engineer - in-charge. Note:- Cement content considered in this item is @ 330 kg/ cum. Excess or less cement used as per design mix is payable or recoverable separately. All work upto plinth level	23.631	cum	10261.92	242499.43	Rupees Two Lakh Forty Two Thousand Four Hundred Ninety Nine And Forty Three paise Only
7.006	5.33.2 - Providing and laying in position machine batched and machine mixed design mix M-25 grade cement concrete for reinforced cement concrete work, using cement content as per approved design mix, including pumping of concrete to site of laying but excluding the cost of centering, shuttering, finishing and reinforcement, including admixtures in recommended proportions as per IS: 9103 to accelerate, retard setting of concrete, improve workability without impairing strength and durability as per direction of Engineer - in-charge. Note:- Cement content considered in this item is @ 330 kg/ cum. Excess or less cement used as per design mix is payable or recoverable separately. All work above plinth level upto floor V level	34.975	cum	12062.92	421900.63	Rupees Four Lakh Twenty One Thousand Nine Hundred Zero And Sixty Three paise Only
7.007	5.34.1 - Extra for providing richer mixes at all floor	21.687	cum	89.48	1940.55	Rupees One Thousand Nine

SI No	Description of work	No. or Qty.	Unit	Accepted Rate	TOTAL AMOUNT	TOTAL AMOUNT in words
	levels. Note:- Excess/less cement over the specified cement content used is payable/ recoverable separately. Providing M-30 grade concrete instead of M-25 grade BMC/RMC. (Note:- Cement content considered in M-30 is @ 340 kg/cum).					Hundred Forty Zero And Fifty Five paise Only
7.008	5.9.1 - Centering and shuttering including strutting, etc. and removal of form for: Foundations, footings, bases of columns, etc for mass concrete	26.160	sqm	365.53	9562.26	Rupees Nine Thousand Five Hundred Sixty Two And Twenty Six paise Only
7.009	5.9.2 - Centering and shuttering including strutting, etc. and removal of form for: Walls (any thickness) including attached pilasters, buttresses, plinth and string courses etc.	38.400	sqm	781.84	30022.66	Rupees Thirty Zero Thousand Zero Twenty Two And Sixty Six paise Only
7.010	5.9.3 - Centering and shuttering including strutting, etc. and removal of form for: Suspended floors, roofs, landings, balconies and access platform	155.958	sqm	889.27	138688.77	Rupees One Lakh Thirty Eight Thousand Six Hundred Eighty Eight And Seventy Seven paise Only
7.011	5.9.5 - Centering and shuttering including strutting, etc. and removal of form for: Lintels, beams, plinth beams, girders bressumers and cantilevers	138.245	sqm	708.36	97927.23	Rupees Ninety Seven Thousand Nine Hundred Twenty Seven And Twenty Three paise Only
7.012	5.9.6 - Centering and shuttering including strutting, etc. and removal of form for: Columns, Pillars, Piers, Abutments, Posts and Struts	94.920	sqm	941.45	89362.43	Rupees Eighty Nine Thousand Three Hundred Sixty Two And Forty Three paise Only
7.013	5.22.6 - Steel reinforcement for R.C.C work including straightening, cutting, bending, placing in position and binding all complete upto plinth level Thermo - Mechanically Treated bars of grade Fe-500D or more	7282.125	kilogram	107.16	780352.52	Rupees Seven Lakh Eighty Zero Thousand Three Hundred Fifty Two And Fifty Two paise Only
7.014	2.25 - Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundation etc. in layers not exceeding 20 cm in depth, consolidating each deposited	34.384	cum	281.86	9691.47	Rupees Nine Thousand Six Hundred Ninety One And Forty Seven paise Only

SI No	Description of work	No. or Qty.	Unit	Accepted Rate	TOTAL AMOUNT	TOTAL AMOUNT in words
	layer by ramming and watering, lead up to 50 m and lift up to 1.5 m.					
7.015	6.4.1 - Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in superstructure above plinth level up to floor V level in all shapes and sizes in:Cement mortar 1:4 ( 1 cement : 4 coarse sand)	25.668	cum	10020.66	257210.30	Rupees Two Lakh Fifty Seven Thousand Two Hundred Ten And Thirty Zero paise Only
7.016	50.9.1.1 - Providing wood work in frames of doors, windows, clerestory windows and other frames, wrought framed and fixed in position with hold fast lugs or with dash fasteners of required dia & length (hold fast lugs or dash fastener shall be paid for separately), using good quality Anjili wood /jack wood	0.147	cum	118036.60	17351.38	Rupees Seventeen Thousand Three Hundred Fifty One And Thirty Eight paise Only
7.017	50.9.3.1 - Providing and fixing paneled or paneled and glazed shutters for doors, windows and clerestory windows, 30 mm thick shutters including ISI marked M.S. pressed butt hinges bright finished of required size with necessary screws, excluding paneling which will be paid for separately, all complete as per direction Of Engineer in- charge. using Anjili/ Jack wood	6.609	sqm	3268.24	21599.80	Rupees Twenty One Thousand Five Hundred Ninety Nine And Eighty Zero paise Only
7.018	10.3 - Providing and fixing in position collapsible steel shutters with vertical channels 20x10x2 mm and braced with flat iron diagonals 20x5 mm size, with top and bottom rail of T-iron 40x40x6 mm, with 40 mm dia steel pulleys, complete with bolts, nuts,locking arrangement, stoppers, handles, including applying a priming coat of approved steel primer .	9.000	sqm	11125.76	100131.84	Rupees One Lakh Zero One Hundred Thirty One And Eighty Four paise Only
7.019	13.9.1 - Cement plaster 1:3 ( 1 cement : 3 coarse sand) finished with a floating coat of neat cement.12 mm cement plaster	745.860	sqm	449.28	335099.98	Rupees Three Lakh Thirty Five Thousand Zero Ninety Nine And Ninety Eight paise Only
7.020	13.21 - Extra for providing	131.290	kg	1.54	202.19	Rupees Two



SI No	Description of work	No. or Qty.	Unit	Accepted Rate	TOTAL AMOUNT	TOTAL AMOUNT in words
	and mixing water proofing material in cement plaster work in proportion recommended by the manufacturers.					Hundred Two And Nineteen paise Only
7.021	10.2 - 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 all complete.	500.000	kg	130.59	65295.00	Rupees Sixty Five Thousand Two Hundred Ninety Five Only
7.022	OD86915/2022-2023 - Supplying, conveying and fitting Gantry Girder with electric rope hoist having 7 tonne capacity for the chlorinated room which is moving in all directions of the internal area of the room including all labour charges, cost of materials, design of the Gantry Girder etc complete as per direction of depl: officers.	1.000	no	85710.05	85710.05	Rupees Eighty Five Thousand Seven Hundred Ten And Five paise Only
7.023	13.40 - Distemping with dry distemper of approved brand and manufacture (two or more coats) of required shade on new work, over and including water thinnable priming coat to give an even shade:	286.180	sqm	151.06	43230.35	Rupees Forty Three Thousand Two Hundred Thirty Zero And Thirty Five paise Only
7.024	13.46.1 - Finishing walls with Acrylic Smooth exterior paint of required shade:New work (Two or more coat applied @ 1.67 ltr/10 sqm over and including priming coat of exterior primer applied @ 2.20 kg/10 sqm)	243.180	sqm	211.36	51398.52	Rupees Fifty One Thousand Three Hundred Ninety Eight And Fifty Two paise Only
7.025	13.48.2 - Finishing with Deluxe Multi surface paint system for interiors and exteriors using primer as per manufacturers specifications:Painting wood work with Deluxe Multi Surface Paint of required shade. Two or more coat applied @ 0.90 ltr/10 sqm over an under coat of primer applied @ 0.75 ltr/10 sqm of approved brand and manufacture	17.010	sqm	167.11	2842.54	Rupees Two Thousand Eight Hundred Forty Two And Fifty Four paise Only
7.026	13.48.3 - Finishing with Deluxe Multi surface paint system for interiors and exteriors using primer as per	20.250	sqm	161.45	3269.36	Rupees Three Thousand Two Hundred Sixty Nine And

SI No	Description of work	No. or Qty.	Unit	Accepted Rate	TOTAL AMOUNT	TOTAL AMOUNT in words
	m a n u f a c t u r e r s specifications:Painting Steel work with Deluxe Multi Surface Paint to give an even shade. Two or more coat applied @ 0.90 ltr/10 sqm over an under coat of primer applied @ 0.80 ltr/10 sqm of approved brand and manufacture					Thirty Six paise Only
<b>8</b>	<b>Constructing Clarifloculator (Parallel plate Clarifier)</b>					
8.001	2.8.1 - Earth work in excavation by mechanical means (Hydraulic excavator) /manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, lift up to 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m.All kinds of soil	1017.330	cum	323.75	329360.59	Rupees Three Lakh Twenty Nine Thousand Three Hundred Sixty Zero And Fifty Nine paise Only
8.002	2.9.1 - Excavation work by mechanical means (Hydraulic excavator) / manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, lift up to 1.5 m, including getting out the excavated soil and disposal of surplus excavated soils as directed, within a lead of 50 m.Ordinary rock	879.465	cum	575.07	505753.94	Rupees Five Lakh Five Thousand Seven Hundred Fifty Three And Ninety Four paise Only
8.003	2.26.2 - Extra for every additional lift 1.5 m or part there of in excavation / banking excavated or stacked materials.Ordinary or hard rock	586.310	cum	207.99	121946.62	Rupees One Lakh Twenty One Thousand Nine Hundred Forty Six And Sixty Two paise Only
8.004	4.1.4 - Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level:1:2:4 )1 cement : 2 coarse sand : 4 graded stone aggregate 40 mm nominal size)	154.110	cum	8571.91	1321017.05	Rupees Thirteen Lakh Twenty One Thousand Zero Seventeen And Five paise Only
8.005	5.33.1 - Providing and laying in position machine batched and machine mixed design mix M-25 grade cement concrete for reinforced	425.369	cum	10261.92	4365102.65	Rupees Forty Three Lakh Sixty Five Thousand One Hundred Two

SI No	Description of work	No. or Qty.	Unit	Accepted Rate	TOTAL AMOUNT	TOTAL AMOUNT in words
	cement concrete work, using cement content as per approved design mix, including pumping of concrete to site of laying but excluding the cost of centering, shuttering, finishing and reinforcement, including admixtures in recommended proportions as per IS: 9103 to accelerate, retard setting of concrete, improve workability without impairing strength and durability as per direction of Engineer - in-charge. Note:- Cement content considered in this item is @ 330 kg/ cum. Excess or less cement used as per design mix is payable or recoverable separately. All work upto plinth level					And Sixty Five paise Only
8.006	5.33.2 - Providing and laying in position machine batched and machine mixed design mix M-25 grade cement concrete for reinforced cement concrete work, using cement content as per approved design mix, including pumping of concrete to site of laying but excluding the cost of centering, shuttering, finishing and reinforcement, including admixtures in recommended proportions as per IS: 9103 to accelerate, retard setting of concrete, improve workability without impairing strength and durability as per direction of Engineer - in-charge. Note:- Cement content considered in this item is @ 330 kg/ cum. Excess or less cement used as per design mix is payable or recoverable separately. All work above plinth level upto floor V level	485.193	cum	12062.92	5852844.34	Rupees Fifty Eight Lakh Fifty Two Thousand Eight Hundred Forty Four And Thirty Four paise Only
8.007	5.34.1 - Extra for providing richer mixes at all floor levels. Note:- Excess/less cement over the specified cement content used is payable/ recoverable separately. Providing M-30 grade concrete instead of M-25 grade BMC/RMC. (Note:- Cement content considered in M-30 is @ 340 kg/cum).	815.657	cum	89.48	72984.99	Rupees Seventy Two Thousand Nine Hundred Eighty Four And Ninety Nine paise Only

SI No	Description of work	No. or Qty.	Unit	Accepted Rate	TOTAL AMOUNT	TOTAL AMOUNT in words
8.008	5.9.1 - Centering and shuttering including strutting, etc. and removal of form for:Foundations, footings, bases of columns, etc for mass concrete	115.072	sqm	365.53	42062.27	Rupees Forty Two Thousand Zero Sixty Two And Twenty Seven paise Only
8.009	5.9.2 - Centering and shuttering including strutting, etc. and removal of form for:Walls (any thickness) including attached pilasters, buttresses, plinth and string courses etc.	815.637	sqm	781.84	637697.63	Rupees Six Lakh Thirty Seven Thousand Six Hundred Ninety Seven And Sixty Three paise Only
8.010	5.9.3 - Centering and shuttering including strutting, etc. and removal of form for:Suspended floors, roofs, landings, balconies and access platform	959.317	sqm	889.27	853091.83	Rupees Eight Lakh Fifty Three Thousand Zero Ninety One And Eighty Three paise Only
8.011	5.9.5 - Centering and shuttering including strutting, etc. and removal of form for:Lintels, beams, plinth beams, girders bressumers and cantilevers	56.210	sqm	708.36	39816.92	Rupees Thirty Nine Thousand Eight Hundred Sixteen And Ninety Two paise Only
8.012	5.9.6 - Centering and shuttering including strutting, etc. and removal of form for:Columns, Pillars, Piers, Abutments, Posts and Struts	245.700	sqm	941.45	231314.27	Rupees Two Lakh Thirty One Thousand Three Hundred Fourteen And Twenty Seven paise Only
8.013	5.22.6 - Steel reinforcement for R.C.C work including straightening, cutting, bending, placing in position and binding all complete upto plinth levelThermo - Mechanically Treated bars of grade Fe-500D or more	102236.295	kilogram	107.16	10955641.37	Rupees One Crore Nine Lakh Fifty Five Thousand Six Hundred Forty One And Thirty Seven paise Only
8.014	50.6.1.3 - Solid block masonry using pre cast solid blocks (Factory made) of size 40x20x20cm or nearest available size confirming to IS 2185 Part I of 1979 for super structure above floor two level up to floor V level thickness 20cm and above in: CM 1:6 ( 1 cement :6 coarse sand) etc complete	41.049	cum	8213.88	337171.56	Rupees Three Lakh Thirty Seven Thousand One Hundred Seventy One And Fifty Six paise Only
8.015	50.9.1.1 - Providing wood work in frames of doors, windows, clerestory windows and other frames, wrought framed and fixed in position	0.147	cum	118036.60	17351.38	Rupees Seventeen Thousand Three Hundred Fifty One And Thirty

SI No	Description of work	No. or Qty.	Unit	Accepted Rate	TOTAL AMOUNT	TOTAL AMOUNT in words
	with hold fast lugs or with dash fasteners of required dia & length (hold fast lugs or dash fastener shall be paid for separately), using good quality Anjili wood /jack wood					Eight paise Only
8.016	50.9.3.1 - Providing and fixing paneled or paneled and glazed shutters for doors, windows and clerestory windows, 30 mm thick shutters including ISI marked M.S. pressed butt hinges bright finished of required size with necessary screws, excluding paneling which will be paid for separately, all complete as per direction Of Engineer in- charge. using Anjili/ Jack wood	2.203	sqm	3268.24	7199.93	Rupees Seven Thousand One Hundred Ninety Nine And Ninety Three paise Only
8.017	50.9.4.1 - Providing and fixing paneling or paneling and glazing in paneled or paneled and glazed shutters for doors, windows and clerestory windows (Area of opening for panel inserts excluding portion inside grooves or rebates to be measured) paneling for paneled or paneled and glazed shutters 25 mm to 40 mm thick using good quality Anjili/ Jack wood	2.566	sqm	2957.30	7588.43	Rupees Seven Thousand Five Hundred Eighty Eight And Forty Three paise Only
8.018	10.26.3 - Providing and fixing hand rail of approved size by welding etc. to steel ladder railing, balcony railing, staircase railing and similar works, including applying priming coat of approved steel primer.G.I. pipes	2063.750	kg	202.77	418466.59	Rupees Four Lakh Eighteen Thousand Four Hundred Sixty Six And Fifty Nine paise Only
8.019	10.2 - 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 all complete.	100.000	kg	130.59	13059.00	Rupees Thirteen Thousand Zero Fifty Nine Only
8.020	13.9.1 - Cement plaster 1:3 ( 1 cement : 3 coarse sand) finished with a floating coat of neat cement.12 mm cement plaster	6126.444	sqm	449.28	2752488.76	Rupees Twenty Seven Lakh Fifty Two Thousand Four Hundred Eighty Eight And Seventy Six paise Only

SI No	Description of work	No. or Qty.	Unit	Accepted Rate	TOTAL AMOUNT	TOTAL AMOUNT in words
8.021	13.21 - Extra for providing and mixing water proofing material in cement plaster work in proportion recommended by the manufacturers.	3749.828	kg	1.54	5774.74	Rupees Five Thousand Seven Hundred Seventy Four And Seventy Four paise Only
8.022	13.46.1 - Finishing walls with Acrylic Smooth exterior paint of required shade:New work (Two or more coat applied @ 1.67 ltr/10 sqm over and including priming coat of exterior primer applied @ 2.20 kg/10 sqm)	1094.632	sqm	211.36	231361.42	Rupees Two Lakh Thirty One Thousand Three Hundred Sixty One And Forty Two paise Only
8.023	13.48.2 - Finishing with Deluxe Multi surface paint system for interiors and exteriors using primer as per manufacturers specifications:Painting wood work with Deluxe Multi Surface Paint of required shade. Two or more coat applied @ 0.90 ltr/10 sqm over an under coat of primer applied @ 0.75 ltr/10 sqm of approved brand and manufacture	12.620	sqm	167.11	2108.93	Rupees Two Thousand One Hundred Eight And Ninety Three paise Only
8.024	13.48.3 - Finishing with Deluxe Multi surface paint system for interiors and exteriors using primer as per manufacturers specifications:Painting Steel work with Deluxe Multi Surface Paint to give an even shade. Two or more coat applied @ 0.90 ltr/10 sqm over an under coat of primer applied @ 0.80 ltr/10 sqm of approved brand and manufacture	328.300	sqm	161.45	53004.04	Rupees Fifty Three Thousand Zero Four And Four paise Only
8.025	100.36.1 - Filling water with 5000 litre tankers fitted in lorry and conveying water from a distance of 5 km (average) to the reservoir site and pumping the water into the reservoir of height not less than 3 m using 5 HP diesel engine pump set , hire for tanker lorry, tools and other appliances and cost of water etc. complete.	2580.000	Kilo litre	200.26	516670.80	Rupees Five Lakh Sixteen Thousand Six Hundred Seventy Zero And Eighty Zero paise Only
<b>9</b>	<b>Constructing Filter Bed &amp; Back wash water trough, Water channel to Beds</b>					
9.001	5.33.1 - Providing and laying in position machine batched and machine mixed design mix M-25 grade cement	201.063	cum	10261.92	2063292.42	Rupees Twenty Lakh Sixty Three Thousand Two Hundred

SI No	Description of work	No. or Qty.	Unit	Accepted Rate	TOTAL AMOUNT	TOTAL AMOUNT in words
	concrete for reinforced cement concrete work, using cement content as per approved design mix, including pumping of concrete to site of laying but excluding the cost of centering, shuttering, finishing and reinforcement, including admixtures in recommended proportions as per IS: 9103 to accelerate, retard setting of concrete, improve workability without impairing strength and durability as per direction of Engineer - in-charge. Note:- Cement content considered in this item is @ 330 kg/ cum. Excess or less cement used as per design mix is payable or recoverable separately. All work upto plinth level					Ninety Two And Forty Two paise Only
9.002	5.33.2 - Providing and laying in position machine batched and machine mixed design mix M-25 grade cement concrete for reinforced cement concrete work, using cement content as per approved design mix, including pumping of concrete to site of laying but excluding the cost of centering, shuttering, finishing and reinforcement, including admixtures in recommended proportions as per IS: 9103 to accelerate, retard setting of concrete, improve workability without impairing strength and durability as per direction of Engineer - in-charge. Note:- Cement content considered in this item is @ 330 kg/ cum. Excess or less cement used as per design mix is payable or recoverable separately. All work above plinth level upto floor V level	421.874	cum	12062.92	5089032.31	Rupees Fifty Zero Lakh Eighty Nine Thousand Zero Thirty Two And Thirty One paise Only
9.003	5.34.1 - Extra for providing richer mixes at all floor levels. Note:- Excess/less cement over the specified cement content used is payable/ recoverable separately. Providing M-30 grade concrete instead of M-25 grade BMC/RMC. (Note:- Cement content considered in	577.355	cum	89.48	51661.73	Rupees Fifty One Thousand Six Hundred Sixty One And Seventy Three paise Only

SI No	Description of work	No. or Qty.	Unit	Accepted Rate	TOTAL AMOUNT	TOTAL AMOUNT in words
	M-30 is @ 340 kg/cum).					
9.004	5.9.3 - Centering and shuttering including strutting, etc. and removal of form for:Suspended floors, roofs, landings, balconies and access platform	992.705	sqm	889.27	882782.78	Rupees Eight Lakh Eighty Two Thousand Seven Hundred Eighty Two And Seventy Eight paise Only
9.005	5.9.2 - Centering and shuttering including strutting, etc. and removal of form for:Walls (any thickness) including attached pilasters, buttresses, plinth and string courses etc.	3141.680	sqm	781.84	2456291.09	Rupees Twenty Four Lakh Fifty Six Thousand Two Hundred Ninety One And Nine paise Only
9.006	5.9.5 - Centering and shuttering including strutting, etc. and removal of form for:Lintels, beams, plinth beams, girders bressumers and cantilevers	51.700	sqm	708.36	36622.21	Rupees Thirty Six Thousand Six Hundred Twenty Two And Twenty One paise Only
9.007	5.22.6 - Steel reinforcement for R.C.C work including straightening, cutting, bending, placing in position and binding all complete upto plinth levelThermo - Mechanically Treated bars of grade Fe-500D or more	48262.890	kilogram	107.16	5171851.29	Rupees Fifty One Lakh Seventy One Thousand Eight Hundred Fifty One And Twenty Eight paise Only
9.008	13.9.1 - Cement plaster 1:3 ( 1 cement : 3 coarse sand) finished with a floating coat of neat cement.12 mm cement plaster	1777.475	sqm	449.28	798583.97	Rupees Seven Lakh Ninety Eight Thousand Five Hundred Eighty Three And Ninety Seven paise Only
9.009	11.40 - Providing and laying rectified Glazed Ceramic floor tiles of size 300x300 mm or more (thickness to be specified by the manufacturer) of Ist quality conforming to IS: 15622 of approved make in all colours, shades, except white, Ivory, Grey Fume Red Brown, laid on 20 mm thick cement mortar 1:4 (1 Cement : 4 Coarse sand) including pointing the joints with white cement and matching pigments etc., complete.	1574.775	sqm	1502.19	2365611.26	Rupees Twenty Three Lakh Sixty Five Thousand Six Hundred Eleven And Twenty Six paise Only
9.010	11.41.2 - Providing and laying vitrified floor tiles in different sizes (thickness to be specified by the	386.233	sqm	1925.48	743683.92	Rupees Seven Lakh Forty Three Thousand Six Hundred



SI No	Description of work	No. or Qty.	Unit	Accepted Rate	TOTAL AMOUNT	TOTAL AMOUNT in words
	manufacturer) with water absorption less than 0.08% and conforming to IS : 15622, of approved make, in all colours and shades, laid on 20 mm thick cement mortar 1:4(1 cement : 4 coarse sand), including grouting the joints with white cement and matching pigments etc., complete. Size of Tile 600 x 600 mm.					Eighty Three And Ninety Two paise Only
9.011	10.28 - Providing and fixing stainless steel (Grade 304) railing made of Hollow tubes, channels, plates etc., including welding, grinding, buffing, polishing and making curvature (wherever required) and fitting the same with necessary stainless steel nuts and bolts complete, i/c fixing the railing with necessary accessories & stainless steel dash fasteners, stainless steel bolts etc., of required size on the top of the floor or the side of waist slab with suitable arrangement as per approval of Engineer-in-charge, (for payment purpose only weight of stainless steel members shall be considered excluding fixing accessories such as nuts, bolts, fasteners etc.)	1480.000	kg	738.42	1092861.60	Rupees Ten Lakh Ninety Two Thousand Eight Hundred Sixty One And Sixty Zero paise Only
9.012	100.55.1 - Supplying of 2 to 6 mm and 6 to 12 mm size fine pebble (pebbles shall be hard, clean, free from clay, dust and other impurities), stacking in standard heaps for measurement including cost, conveyance up to 5 km and labour charges for stacking, spreading, testing and as per the directions of the department officers etc. complete as per CPHEEO specifications.	74.250	cum	9140.37	678672.47	Rupees Six Lakh Seventy Eight Thousand Six Hundred Seventy Two And Forty Seven paise Only
9.013	100.55.2 - Supplying of 12 to 20mm size pebble (pebbles shall be hard, clean, free from clay, dust and other impurities), stacking in standard heaps for measurement including cost, conveyance up to 5km and labour charges for stacking, spreading, testing and as per the directions of the	74.250	cum	9140.37	678672.47	Rupees Six Lakh Seventy Eight Thousand Six Hundred Seventy Two And Forty Seven paise Only

SI No	Description of work	No. or Qty.	Unit	Accepted Rate	TOTAL AMOUNT	TOTAL AMOUNT in words
	department officers etc complete and as per CPHEEO specification.					
9.014	100.55.3 - Supplying of 20 to 40 mm pebble (pebbles shall be hard, clean, free from clay, dust and other impurities), stacking in standard heaps for measurement including cost, conveyance up to 5 km and labour charges for stacking, spreading, testing and as per directions of the department officers etc. complete and as per CPHEEO specification.	74.250	cum	9140.37	678672.47	Rupees Six Lakh Seventy Eight Thousand Six Hundred Seventy Two And Forty Seven paise Only
9.015	100.55.4 - Supplying and stacking for measurement of filter sand having effective size 0.45 to 0.70 mm and uniformity coefficient 1.30 to 1.7, of specific gravity in the range of 2.55 - 2.65 and hard and clean, free from clay, dust and other impurities including cost of materials, labour charges and conveyance of materials up to 5 km and as per the directions of the department officers etc. complete and as per CPHEEO specification.	222.750	cum	11573.11	2577910.25	Rupees Twenty Five Lakh Seventy Seven Thousand Nine Hundred Ten And Twenty Five paise Only
<b>10</b>	<b>Constructing Water channel to filter bed &amp; Clear Water channel</b>					
10.001	2.8.1 - Earth work in excavation by mechanical means (Hydraulic excavator) /manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, lift up to 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m.All kinds of soil	24.300	cum	323.75	7867.13	Rupees Seven Thousand Eight Hundred Sixty Seven And Thirteen paise Only
10.002	4.1.4 - Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level:1:2:4 )1 cement : 2 coarse sand : 4 graded stone aggregate 40 mm nominal size)	2.025	cum	8571.91	17358.12	Rupees Seventeen Thousand Three Hundred Fifty Eight And Twelve paise Only
10.003	5.33.2 - Providing and laying in position machine batched and machine mixed design mix M-25 grade cement	124.290	cum	12062.92	1499300.33	Rupees Fourteen Lakh Ninety Nine Thousand Three

SI No	Description of work	No. or Qty.	Unit	Accepted Rate	TOTAL AMOUNT	TOTAL AMOUNT in words
	concrete for reinforced cement concrete work, using cement content as per approved design mix, including pumping of concrete to site of laying but excluding the cost of centering, shuttering, finishing and reinforcement, including admixtures in recommended proportions as per IS: 9103 to accelerate, retard setting of concrete, improve workability without impairing strength and durability as per direction of Engineer - in-charge. Note:- Cement content considered in this item is @ 330 kg/ cum. Excess or less cement used as per design mix is payable or recoverable separately. All work above plinth level upto floor V level					Hundred Zero And Thirty Three paise Only
10.004	5.34.1 - Extra for providing richer mixes at all floor levels. Note:- Excess/less cement over the specified cement content used is payable/ recoverable separately. Providing M-30 grade concrete instead of M-25 grade BMC/RMC. (Note:- Cement content considered in M-30 is @ 340 kg/cum).	106.740	cum	89.48	9551.10	Rupees Nine Thousand Five Hundred Fifty One And Ten paise Only
10.005	5.9.1 - Centering and shuttering including strutting, etc. and removal of form for: Foundations, footings, bases of columns, etc for mass concrete	318.200	sqm	365.53	116311.65	Rupees One Lakh Sixteen Thousand Three Hundred Eleven And Sixty Five paise Only
10.006	5.9.2 - Centering and shuttering including strutting, etc. and removal of form for: Walls (any thickness) including attached pilasters, buttresses, plinth and string courses etc.	2242.000	sqm	781.84	1752885.28	Rupees Seventeen Lakh Fifty Two Thousand Eight Hundred Eighty Five And Twenty Eight paise Only
10.007	5.22.6 - Steel reinforcement for R.C.C work including straightening, cutting, bending, placing in position and binding all complete upto plinth level Thermo - Mechanically Treated bars of grade Fe-500D or more	8005.575	kilogram	107.16	857877.42	Rupees Eight Lakh Fifty Seven Thousand Eight Hundred Seventy Seven And Forty Two paise Only
10.008	13.9.1 - Cement plaster 1:3 ( 1 cement : 3 coarse sand)	2560.200	sqm	449.28	1150246.66	Rupees Eleven Lakh Fifty Zero

SI No	Description of work	No. or Qty.	Unit	Accepted Rate	TOTAL AMOUNT	TOTAL AMOUNT in words
	finished with a floating coat of neat cement.12 mm cement plaster					Thousand Two Hundred Forty Six And Sixty Six paise Only
10.009	13.46.1 - Finishing walls with Acrylic Smooth exterior paint of required shade:New work (Two or more coat applied @ 1.67 ltr/10 sqm over and including priming coat of exterior primer applied @ 2.20 kg/10 sqm)	2242.000	sqm	211.36	473869.12	Rupees Four Lakh Seventy Three Thousand Eight Hundred Sixty Nine And Twelve paise Only
10.010	11.41.2 - Providing and laying vitrified floor tiles in different sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS : 15622, of approved make, in all colours and shades, laid on 20 mm thick cement mortar 1:4(1 cement : 4 coarse sand), including grouting the joints with white cement and matching pigments etc., complete.Size of Tile 600 x 600 mm.	442.000	sqm	1925.48	851062.16	Rupees Eight Lakh Fifty One Thousand Zero Sixty Two And Sixteen paise Only
<b>11</b>	<b>Constructing Wash Water Tank</b>					
11.001	5.33.2 - Providing and laying in position machine batched and machine mixed design mix M-25 grade cement concrete for reinforced cement concrete work, using cement content as per approved design mix, including pumping of concrete to site of laying but excluding the cost of centering, shuttering, finishing and reinforcement, including admixtures in recommended proportions as per IS: 9103 to accelerate, retard setting of concrete, improve workability without impairing strength and durability as per direction of Engineer - in-charge. Note:- Cement content considered in this item is @ 330 kg/ cum. Excess or less cement used as per design mix is payable or recoverable separately.All work above plinth level upto floor V level	175.603	cum	12062.92	2118284.94	Rupees Twenty One Lakh Eighteen Thousand Two Hundred Eighty Four And Ninety Four paise Only
11.002	5.9.2 - Centering and shuttering including strutting,	335.132	sqm	781.84	262019.60	Rupees Two Lakh Sixty Two

SI No	Description of work	No. or Qty.	Unit	Accepted Rate	TOTAL AMOUNT	TOTAL AMOUNT in words
	etc. and removal of form for:Walls (any thickness) including attached pilasters, buttresses, plinth and string courses etc.					Thousand Zero Nineteen And Sixty Zero paise Only
11.003	5.9.3 - Centering and shuttering including strutting, etc. and removal of form for:Suspended floors, roofs, landings, balconies and access platform	307.715	sqm	889.27	273641.72	Rupees Two Lakh Seventy Three Thousand Six Hundred Forty One And Seventy Two paise Only
11.004	5.9.5 - Centering and shuttering including strutting, etc. and removal of form for:Lintels, beams, plinth beams, girders bressumers and cantilevers	230.925	sqm	708.36	163578.03	Rupees One Lakh Sixty Three Thousand Five Hundred Seventy Eight And Three paise Only
11.005	5.9.6 - Centering and shuttering including strutting, etc. and removal of form for:Columns, Pillars, Piers, Abutments, Posts and Struts	360.000	sqm	941.45	338922.00	Rupees Three Lakh Thirty Eight Thousand Nine Hundred Twenty Two Only
11.006	5.22.6 - Steel reinforcement for R.C.C work including straightening, cutting, bending, placing in position and binding all complete upto plinth levelThermo - Mechanically Treated bars of grade Fe-500D or more	24050.862	kilogram	107.16	2577290.37	Rupees Twenty Five Lakh Seventy Seven Thousand Two Hundred Ninety Zero And Thirty Seven paise Only
11.007	13.9.1 - Cement plaster 1:3 ( 1 cement : 3 coarse sand) finished with a floating coat of neat cement.12 mm cement plaster	1401.562	sqm	449.28	629693.78	Rupees Six Lakh Twenty Nine Thousand Six Hundred Ninety Three And Seventy Eight paise Only
11.008	10.25.1 - Item Shifted to Sub head 14 as item 14.73 Item Shifted to head 14 as item 14.74 Steel work welded in built up sections/framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required.In stringers, treads,landings etc. of stair cases, including use of chequered plate wherever required, all complete	400.000	kg	120.18	48072.00	Rupees Forty Eight Thousand Zero Seventy Two Only
11.009	13.46.1 - Finishing walls with	172.500	sqm	211.36	36459.60	Rupees Thirty

SI No	Description of work	No. or Qty.	Unit	Accepted Rate	TOTAL AMOUNT	TOTAL AMOUNT in words
	Acrylic Smooth exterior paint of required shade:New work (Two or more coat applied @ 1.67 ltr/10 sqm over and including priming coat of exterior primer applied @ 2.20 kg/10 sqm)					Six Thousand Four Hundred Fifty Nine And Sixty Zero paise Only
11.010	13.71 - Lettering with black Japan pint of approved brand and manufacture	250.000	per Letter per cm height	6.08	1520.00	Rupees One Thousand Five Hundred Twenty Only
<b>12</b>	<b>Constructing Filter House and Clear Water Pump House</b>					
12.001	5.33.2 - Providing and laying in position machine batched and machine mixed design mix M-25 grade cement concrete for reinforced cement concrete work, using cement content as per approved design mix, including pumping of concrete to site of laying but excluding the cost of centering, shuttering, finishing and reinforcement, including admixtures in recommended proportions as per IS: 9103 to accelerate, retard setting of concrete, improve workability without impairing strength and durability as per direction of Engineer - in-charge. Note:- Cement content considered in this item is @ 330 kg/ cum. Excess or less cement used as per design mix is payable or recoverable separately.All work above plinth level upto floor V level	584.468	cum	12062.92	7050390.73	Rupees Seventy Zero Lakh Fifty Zero Thousand Three Hundred Ninety Zero And Seventy Three paise Only
12.002	5.11.1 - Extra additional height in centering, shuttering where ever required with adequate bracing, propping etc. including cost of de-shuttering and decentering at all levels, over a height of 3.5m, for every additional height of 1 metre or part thereof (Plan area to be measured).Suspended floors, roofs, landing, beams and balconies (Plan area to be measured)	667.120	sqm	368.89	246093.90	Rupees Two Lakh Forty Six Thousand Zero Ninety Three And Ninety Zero paise Only
12.003	5.9.5 - Centering and shuttering including strutting, etc. and removal of form for:Lintels, beams, plinth beams, girders bressumers	2141.710	sqm	708.36	1517101.70	Rupees Fifteen Lakh Seventeen Thousand One Hundred One And Seventy

SI No	Description of work	No. or Qty.	Unit	Accepted Rate	TOTAL AMOUNT	TOTAL AMOUNT in words
	and cantilevers					Zero paise Only
12.004	5.9.3 - Centering and shuttering including strutting, etc. and removal of form for:Suspended floors, roofs, landings, balconies and access platform	2121.845	sqm	889.27	1886893.10	Rupees Eighteen Lakh Eighty Six Thousand Eight Hundred Ninety Three And Ten paise Only
12.005	5.22.6 - Steel reinforcement for R.C.C work including straightening, cutting, bending, placing in position and binding all complete upto plinth levelThermo - Mechanically Treated bars of grade Fe-500D or more	75982.790	kilogram	107.16	8142315.78	Rupees Eighty One Lakh Forty Two Thousand Three Hundred Fifteen And Seventy Eight paise Only
12.006	2.25 - Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundation etc. in layers not exceeding 20 cm in depth, consolidating each deposited layer by ramming and watering, lead up to 50 m and lift up to 1.5 m.	112.532	cum	281.86	31718.27	Rupees Thirty One Thousand Seven Hundred Eighteen And Twenty Seven paise Only
12.007	6.4.1 - Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in superstructure above plinth level up to floor V level in all shapes and sizes in:Cement mortar 1:4 ( 1 cement : 4 coarse sand)	229.516	cum	10020.66	2299901.80	Rupees Twenty Two Lakh Ninety Nine Thousand Nine Hundred One And Eighty Zero paise Only
12.008	21.1.1.2 - Providing and fixing aluminium work for doors, windows, ventilators and partitions with extruded built up standard tubular sections/ appropriate Z sections and other sections of approved make conforming to IS : 733 and IS: 1285, fixing with dash fasteners of required dia and size, including necessary filling up the gaps at junctions, i.e. at top, bottom and sides with required EPDM rubber/ neoprene gasket etc. Aluminium sections shall be smooth, rust free, straight, mitred and jointed mechanically wherever required including cleat angle, Aluminnium snap beading for glazing /paneling, C.P. brass/ stainless steel screws, all complete as per architectural	38.700	kg	585.49	22658.46	Rupees Twenty Two Thousand Six Hundred Fifty Eight And Forty Six paise Only

SI No	Description of work	No. or Qty.	Unit	Accepted Rate	TOTAL AMOUNT	TOTAL AMOUNT in words
	drawings and the directions of Engineer-in-charge.(Glazing, paneling and dash fasteners to be paid for separately): For fixed portion Powder coated aluminium (minimum thickness of powder coating 50 micron)					
12.009	50.9.1.1 - Providing wood work in frames of doors, windows, clerestory windows and other frames, wrought framed and fixed in position with hold fast lugs or with dash fasteners of required dia & length (hold fast lugs or dash fastener shall be paid for separately), using good quality Anjili wood /jack wood	5.635	cum	118036.60	665136.24	Rupees Six Lakh Sixty Five Thousand One Hundred Thirty Six And Twenty Four paise Only
12.010	50.9.3.1 - Providing and fixing paneled or paneled and glazed shutters for doors, windows and clerestory windows, 30 mm thick shutters including ISI marked M.S. pressed butt hinges bright finished of required size with necessary screws, excluding paneling which will be paid for separately, all complete as per direction Of Engineer in- charge. using Anjili/ Jack wood	22.030	sqm	3268.24	71999.33	Rupees Seventy One Thousand Nine Hundred Ninety Nine And Thirty Three paise Only
12.011	50.9.4.1 - Providing and fixing paneling or paneling and glazing in paneled or paneled and glazed shutters for doors, windows and clerestory windows (Area of opening for panel inserts excluding portion inside grooves or rebates to be measured) paneling for paneled or paneled and glazed shutters 25 mm to 40 mm thick using good quality Anjili/ Jack wood	151.050	sqm	2957.30	446700.17	Rupees Four Lakh Forty Six Thousand Seven Hundred Zero And Seventeen paise Only
12.012	10.1 - Structural steel work in single section, fixed with or without connecting plate, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete.	1544.506	kilogram	110.40	170513.46	Rupees One Lakh Seventy Zero Thousand Five Hundred Thirteen And Forty Six paise Only
12.013	13.9.1 - Cement plaster 1:3 ( 1 cement : 3 coarse sand) finished with a floating coat	7209.739	sqm	449.28	3239191.54	Rupees Thirty Two Lakh Thirty Nine



SI No	Description of work	No. or Qty.	Unit	Accepted Rate	TOTAL AMOUNT	TOTAL AMOUNT in words
	of neat cement.12 mm cement plaster					Thousand One Hundred Ninety One And Fifty Four paise Only
12.014	13.40 - Distemping with dry distemper of approved brand and manufacture (two or more coats) of required shade on new work, over and including water thinnable priming coat to give an even shade:	7209.739	sqm	151.06	1089103.17	Rupees Ten Lakh Eighty Nine Thousand One Hundred Three And Seventeen paise Only
12.015	13.48.1 - Finishing with Deluxe Multi surface paint system for interiors and exteriors using primer as per m a n u f a c t u r e r s specifications:Two or more coats applied on walls @ 1.25 ltr/10 sqm over and including one coat of special primer applied @ 0.75 ltr /10 sqm	7209.739	sqm	182.45	1315416.88	Rupees Thirteen Lakh Fifteen Thousand Four Hundred Sixteen And Eighty Eight paise Only
12.016	13.48.2 - Finishing with Deluxe Multi surface paint system for interiors and exteriors using primer as per m a n u f a c t u r e r s specifications:Painting wood work with Deluxe Multi Surface Paint of required shade. Two or more coat applied @ 0.90 ltr/10 sqm over an under coat of primer applied @ 0.75 ltr/10 sqm of approved brand and manufacture	203.490	sqm	167.11	34005.21	Rupees Thirty Four Thousand Zero Five And Twenty One paise Only
12.017	13.48.3 - Finishing with Deluxe Multi surface paint system for interiors and exteriors using primer as per m a n u f a c t u r e r s specifications:Painting Steel work with Deluxe Multi Surface Paint to give an even shade. Two or more coat applied @ 0.90 ltr/10 sqm over an under coat of primer applied @ 0.80 ltr/10 sqm of approved brand and manufacture	198.450	sqm	161.45	32039.75	Rupees Thirty Two Thousand Zero Thirty Nine And Seventy Five paise Only
12.018	11.41.2 - Providing and laying vitrified floor tiles in different sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS : 15622, of approved make, in all colours and shades, laid on 20 mm thick cement mortar	432.740	sqm	1925.48	833232.22	Rupees Eight Lakh Thirty Three Thousand Two Hundred Thirty Two And Twenty Two paise Only

SI No	Description of work	No. or Qty.	Unit	Accepted Rate	TOTAL AMOUNT	TOTAL AMOUNT in words
	1:4(1 cement : 4 coarse sand), including grouting the joints with white cement and matching pigments etc., complete. Size of Tile 600 x 600 mm.					
12.019	10.6.1 - 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	22.500	sqm	3777.82	85000.95	Rupees Eighty Five Thousand Zero Zero And Ninety Five paise Only
12.020	10.3 - Providing and fixing in position collapsible steel shutters with vertical channels 20x10x2 mm and braced with flat iron diagonals 20x5 mm size, with top and bottom rail of T-iron 40x40x6 mm, with 40 mm dia steel pulleys, complete with bolts, nuts, locking arrangement, stoppers, handles, including applying a priming coat of approved steel primer .	7.500	sqm	11125.76	83443.20	Rupees Eighty Three Thousand Four Hundred Forty Three And Twenty Zero paise Only
12.021	10.28 - Providing and fixing stainless steel (Grade 304) railing made of Hollow tubes, channels, plates etc., including welding, grinding, buffing, polishing and making curvature (wherever required) and fitting the same with necessary stainless steel nuts and bolts complete, i/c fixing the railing with necessary accessories & stainless steel dash fasteners, stainless steel bolts etc., of required size on the top of the floor or the side of waist slab with suitable	121.030	kg	738.42	89370.97	Rupees Eighty Nine Thousand Three Hundred Seventy Zero And Ninety Seven paise Only

SI No	Description of work	No. or Qty.	Unit	Accepted Rate	TOTAL AMOUNT	TOTAL AMOUNT in words
	arrangement as per approval of Engineer-in-charge, (for payment purpose only weight of stainless steel members shall be considered excluding fixing accessories such as nuts, bolts, fasteners etc.)					
12.022	10.30.2 - Providing & fixing glass panes with putty and glazing clips in steel doors, windows, clerestory windows all complete with :5.5 mm thick glass panes	49.500	sqm	1533.24	75895.38	Rupees Seventy Five Thousand Eight Hundred Ninety Five And Thirty Eight paise Only
12.023	17.3.1 - Providing and fixing white vitreous china pedestal type water closet (European type) with seat and lid, 10 litre low level white vitreous china flushing cistern & C.P. flush bend with fittings & C.I. brackets, 40 mm flush bend, overflow arrangement with specials of standard make and mosquito proof coupling of approved municipal design complete, including painting of fittings and brackets, cutting and making good the walls and floors wherever required :W.C. pan with ISI marked white solid plastic seat and lid	2.000	each	8578.05	17156.10	Rupees Seventeen Thousand One Hundred Fifty Six And Ten paise Only
12.024	17.7.7 - Providing and fixing wash basin with C.I. brackets, 15 mm C.P. brass pillar taps, 32 mm C.P. brass waste of standard pattern, including painting of fittings and brackets, cutting and making good the walls wherever require:White Vitreous China Flat back wash basin size 450x300 mm with single 15 mm C.P. brass pillar tap	3.000	each	2817.91	8453.73	Rupees Eight Thousand Four Hundred Fifty Three And Seventy Three paise Only
12.025	17.10.1.1 - Providing and fixing Stainless Steel A ISI 304 (18/8) kitchen sink as per IS 13983 with C.I. brackets and stainless steel plug 40 mm, including painting of fittings and brackets, cutting and making good the walls wherever required: Kitchen sink with drain board510x1040 mm bowl depth 250 mm	1.000	each	6616.01	6616.01	Rupees Six Thousand Six Hundred Sixteen And One paise Only
12.026	17.10.2.2 - Providing and fixing Stainless Steel A ISI	1.000	each	3629.81	3629.81	Rupees Three Thousand Six

SI No	Description of work	No. or Qty.	Unit	Accepted Rate	TOTAL AMOUNT	TOTAL AMOUNT in words
	304 (18/8) kitchen sink as per IS 13983 with C.I. brackets and stainless steel plug 40 mm, including painting of fittings and brackets, cutting and making good the walls wherever required: Kitchen sink without drain board 610x460 mm bowl depth 200 mm					Hundred Twenty Nine And Eighty One paise Only
12.027	17.31 - Providing and fixing 600x450 mm beveled edge mirror of superior glass (of approved quality) complete with 6 mm thick hard board ground fixed to wooden cleats with C.P. brass screws and washers complete.	2.000	each	1646.34	3292.68	Rupees Three Thousand Two Hundred Ninety Two And Sixty Eight paise Only
12.028	17.35.1.1 - Providing and fixing soil, waste and vent pipes: 100 mm dia Sand cast iron S & S pipe as per IS : 1729	2.000	metre	1293.74	2587.48	Rupees Two Thousand Five Hundred Eighty Seven And Forty Eight paise Only
12.029	17.70.2 - Providing and fixing PTMT Bottle Trap for Wash basin and sink. Bottle trap 38 mm single piece moulded with height of 270 mm, effective length of tail pipe 260 mm from the center of the waste coupling, 77 mm breadth with 25 mm minimum water seal, weighing not less than 263 gms	6.000	each	447.35	2684.10	Rupees Two Thousand Six Hundred Eighty Four And Ten paise Only
12.030	18.65 - Providing and fixing PTMT Soap Dish Holder having length of 138 mm, breadth 102 mm, height of 75 mm with concealed fittings arrangements, weighing not less than 106 gms.	3.000	each	167.43	502.29	Rupees Five Hundred Two And Twenty Eight paise Only
12.031	18.79 - Making hole up to 20x20 cm and embedding pipes up to 150 mm diameter in masonry and filling with cement concrete 1:3:6 (1 cement : 3 coarse sand 6 graded stone aggregate 20 mm nominal size) including disposal of malba.	3.000	metre	231.18	693.54	Rupees Six Hundred Ninety Three And Fifty Four paise Only
12.032	OD161849/2022-2023 - Yard lightening, Inner lightening, electrical connections, fans, coolers, installation of LED display, etc	1.000	L.S	372841.50	372841.50	Rupees Three Lakh Seventy Two Thousand Eight Hundred Forty One And Fifty Zero paise Only

SI No	Description of work	No. or Qty.	Unit	Accepted Rate	TOTAL AMOUNT	TOTAL AMOUNT in words
12.033	OD161851/2022-2023 - Grider beam I section of 5 ton capacity with all accessories (mechanical driver)	1.000	L.S	372841.50	372841.50	Rupees Three Lakh Seventy Two Thousand Eight Hundred Forty One And Fifty Zero paise Only
12.034	OD161852/2022-2023 - Construction of Float system along with all fittings, complete	4.000	set	52120.09	208480.36	Rupees Two Lakh Eight Thousand Four Hundred Eighty Zero And Thirty Six paise Only
<b>13</b>	<b>Construction of Recycling tank</b>					
13.001	2.8.1 - Earth work in excavation by mechanical means (Hydraulic excavator)/manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, lift up to 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m.All kinds of soil	62.500	cum	323.75	20234.38	Rupees Twenty Thousand Two Hundred Thirty Four And Thirty Eight paise Only
13.002	5.1.2 - Providing and laying in position specified grade of reinforced cement concrete, excluding the cost of centering, shuttering, finishing and reinforcement - All work up to plinth level:1:1:5:3 (1 cement 1.5 coarse sand :3 graded stone aggregate 20 mm nominal size	2.500	cum	9903.91	24759.78	Rupees Twenty Four Thousand Seven Hundred Fifty Nine And Seventy Eight paise Only
13.003	5.33.1 - Providing and laying in position machine batched and machine mixed design mix M-25 grade cement concrete for reinforced cement concrete work, using cement content as per approved design mix, including pumping of concrete to site of laying but excluding the cost of centering, shuttering, finishing and reinforcement, including admixtures in recommended proportions as per IS: 9103 to accelerate, retard setting of concrete, improve workability without impairing strength and durability as per direction of	31.018	cum	10261.92	318304.23	Rupees Three Lakh Eighteen Thousand Three Hundred Four And Twenty Three paise Only

SI No	Description of work	No. or Qty.	Unit	Accepted Rate	TOTAL AMOUNT	TOTAL AMOUNT in words
	Engineer - in-charge. Note:- Cement content considered in this item is @ 330 kg/ cum. Excess or less cement used as per design mix is payable or recoverable separately. All work upto plinth level					
13.004	5.22.6 - Steel reinforcement for R.C.C work including straightening, cutting, bending, placing in position and binding all complete upto plinth level Thermo - Mechanically Treated bars of grade Fe-500D or more	3722.280	kilogram	107.16	398879.52	Rupees Three Lakh Ninety Eight Thousand Eight Hundred Seventy Nine And Fifty Two paise Only
13.005	5.9.1 - Centering and shuttering including strutting, etc. and removal of form for: Foundations, footings, bases of columns, etc for mass concrete	99.175	sqm	365.53	36251.44	Rupees Thirty Six Thousand Two Hundred Fifty One And Forty Four paise Only
13.006	5.9.2 - Centering and shuttering including strutting, etc. and removal of form for: Walls (any thickness) including attached pilasters, buttresses, plinth and string courses etc.	71.125	sqm	781.84	55608.37	Rupees Fifty Five Thousand Six Hundred Eight And Thirty Seven paise Only
13.007	13.1.1 - 12 mm cement plaster of mix:1:4 ( 1 cement : 4 fine sand)	150.775	sqm	342.42	51628.38	Rupees Fifty One Thousand Six Hundred Twenty Eight And Thirty Eight paise Only
<b>14</b>	<b>Construction of Sump</b>					
14.001	2.8.1 - Earth work in excavation by mechanical means (Hydraulic excavator) /manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, lift up to 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m. All kinds of soil	1612.500	cum	323.75	522046.88	Rupees Five Lakh Twenty Two Thousand Zero Forty Six And Eighty Eight paise Only
14.002	2.9.1 - Excavation work by mechanical means (Hydraulic excavator) / manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, lift up to	2840.347	cum	575.07	1633398.35	Rupees Sixteen Lakh Thirty Three Thousand Three Hundred Ninety Eight And Thirty Five paise Only

SI No	Description of work	No. or Qty.	Unit	Accepted Rate	TOTAL AMOUNT	TOTAL AMOUNT in words
	1.5 m, including getting out the excavated soil and disposal of surplus excavated soils as directed, within a lead of 50 m. Ordinary rock					
14.003	2.9.3 - Excavation work by mechanical means (Hydraulic excavator) / manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, lift up to 1.5 m, including getting out the excavated soil and disposal of surplus excavated soils as directed, within a lead of 50 m. Hard rock (blasting prohibited)	1123.020	cum	1386.52	1557089.69	Rupees Fifteen Lakh Fifty Seven Thousand Zero Eighty Nine And Sixty Nine paise Only
14.004	2.26.2 - Extra for every additional lift 1.5 m or part there of in excavation / banking excavated or stacked materials. Ordinary or hard rock	6594.060	cum	207.99	1371498.54	Rupees Thirteen Lakh Seventy One Thousand Four Hundred Ninety Eight And Fifty Four paise Only
14.005	6.2.1 - Brick work with common burnt clay modular bricks of class designation 7.5 in foundation and plinth in: Cement mortar 1:4 (1 cement : 4 coarse sand)	388.800	cum	7051.20	2741506.56	Rupees Twenty Seven Lakh Forty One Thousand Five Hundred Six And Fifty Six paise Only
14.006	4.1.3 - Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level: 1:2:4 (cement : 2 coarse sand (zone-III) : 4 graded stone aggregate 20 mm nominal size)	159.340	cum	8711.01	1388012.33	Rupees Thirteen Lakh Eighty Eight Thousand Zero Twelve And Thirty Three paise Only
14.007	5.33.1 - Providing and laying in position machine batched and machine mixed design mix M-25 grade cement concrete for reinforced cement concrete work, using cement content as per approved design mix, including pumping of concrete to site of laying but excluding the cost of centering, shuttering, finishing and reinforcement, including admixtures in recommended proportions as per IS: 9103 to accelerate, retard setting of concrete,	878.049	cum	10261.92	9010468.59	Rupees Ninety Zero Lakh Ten Thousand Four Hundred Sixty Eight And Fifty Nine paise Only

SI No	Description of work	No. or Qty.	Unit	Accepted Rate	TOTAL AMOUNT	TOTAL AMOUNT in words
	improve workability without impairing strength and durability as per direction of Engineer - in-charge. Note:- Cement content considered in this item is @ 330 kg/ cum. Excess or less cement used as per design mix is payable or recoverable separately. All work upto plinth level					
14.008	5.34.1 - Extra for providing richer mixes at all floor levels. Note:- Excess/less cement over the specified cement content used is payable/ recoverable separately. Providing M-30 grade concrete instead of M-25 grade BMC/RMC. (Note:- Cement content considered in M-30 is @ 340 kg/cum).	878.049	cum	89.48	78567.82	Rupees Seventy Eight Thousand Five Hundred Sixty Seven And Eighty Two paise Only
14.009	5.9.1 - Centering and shuttering including strutting, etc. and removal of form for: Foundations, footings, bases of columns, etc for mass concrete	368.580	sqm	365.53	134727.05	Rupees One Lakh Thirty Four Thousand Seven Hundred Twenty Seven And Five paise Only
14.010	5.9.2 - Centering and shuttering including strutting, etc. and removal of form for: Walls (any thickness) including attached pilasters, buttresses, plinth and string courses etc.	1735.331	sqm	781.84	1356751.19	Rupees Thirteen Lakh Fifty Six Thousand Seven Hundred Fifty One And Nineteen paise Only
14.011	5.9.5 - Centering and shuttering including strutting, etc. and removal of form for: Lintels, beams, plinth beams, girders bressumers and cantilevers	368.580	sqm	708.36	261087.33	Rupees Two Lakh Sixty One Thousand Zero Eighty Seven And Thirty Three paise Only
14.012	5.9.6 - Centering and shuttering including strutting, etc. and removal of form for: Columns, Pillars, Piers, Abutments, Posts and Struts	581.400	sqm	941.45	547359.03	Rupees Five Lakh Forty Seven Thousand Three Hundred Fifty Nine And Three paise Only
14.013	5.22.6 - Steel reinforcement for R.C.C work including straightening, cutting, bending, placing in position and binding all complete upto plinth level Thermo - Mechanically Treated bars of grade Fe-500D or more	112409.480	kilogram	107.16	12045799.88	Rupees One Crore Twenty Lakh Forty Five Thousand Seven Hundred Ninety Nine And Eighty Eight paise Only



SI No	Description of work	No. or Qty.	Unit	Accepted Rate	TOTAL AMOUNT	TOTAL AMOUNT in words
14.014	13.9.1 - Cement plaster 1:3 ( 1 cement : 3 coarse sand) finished with a floating coat of neat cement.12 mm cement plaster	3091.289	sqm	449.28	1388854.32	Rupees Thirteen Lakh Eighty Eight Thousand Eight Hundred Fifty Four And Thirty Two paise Only
14.015	100.36.1 - Filling water with 5000 litre tankers fitted in lorry and conveying water from a distance of 5 km (average) to the reservoir site and pumping the water into the reservoir of height not less than 3 m using 5 HP diesel engine pump set , hire for tanker lorry, tools and other appliances and cost of water etc. complete.	187.500	Kilo litre	200.26	37548.75	Rupees Thirty Seven Thousand Five Hundred Forty Eight And Seventy Five paise Only
14.016	OD162299/2022-2023 - Providing suitable size Level Indicator on Sump etc complete as per direction	1.000	no	12950.37	12950.37	Rupees Twelve Thousand Nine Hundred Fifty Zero And Thirty Seven paise Only
14.017	10.2 - 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 all complete.	120.000	kg	130.59	15670.80	Rupees Fifteen Thousand Six Hundred Seventy Zero And Eighty Zero paise Only
14.018	10.28 - Providing and fixing stainless steel (Grade 304) railing made of Hollow tubes, channels, plates etc., including welding, grinding, buffing, polishing and making curvature (wherever required) and fitting the same with necessary stainless steel nuts and bolts complete, i/c fixing the railing with necessary accessories & stainless steel dash fasteners, stainless steel bolts etc., of required size on the top of the floor or the side of waist slab with suitable arrangement as per approval of Engineer-in-charge, (for payment purpose only weight of stainless steel members shall be considered excluding fixing accessories such as nuts, bolts, fasteners etc.)	150.000	kg	738.42	110763.00	Rupees One Lakh Ten Thousand Seven Hundred Sixty Three Only
14.019	100.41.33 - Supplying and fixing 500mm dia C.I. manhole cover with frame	4.000	no	8183.61	32734.44	Rupees Thirty Two Thousand Seven Hundred

SI No	Description of work	No. or Qty.	Unit	Accepted Rate	TOTAL AMOUNT	TOTAL AMOUNT in words
	(medium duty) charges including all cost, labour charges etc., complete.					Thirty Four And Forty Four paise Only
<b>15</b>	<b>Sanitary arrangement</b>					
15.001	OD88691/2022-2023 - Supply and providing water supply and sanitary arrangements, sludge pits and disposal arrangements as per design, office furniture ,chemicals , laboratory equipment.	107786474.000	L.S	0.02	2155729.48	Rupees Twenty One Lakh Fifty Five Thousand Seven Hundred Twenty Nine And Forty Eight paise Only
<b>16</b>	<b>Interconnections works to Aerator with Recyclic tank and scour to recyclic tan</b>					
16.001	100.1.1 - Excavating trenches of required width for pipes, cables, etc., including excavation for sockets, and dressing of sides, ramming of bottoms, depth up to 1.5m, including getting out the excavated soil, and then returning the soil as required, in layers not exceeding 20cm in depth, including consolidating each deposited layer by ramming, watering, etc., and disposing of surplus excavated soil as directed, within a lead of 50m, in all kinds of soil.	309.750	cum	605.61	187587.70	Rupees One Lakh Eighty Seven Thousand Five Hundred Eighty Seven And Seventy Zero paise Only
16.002	100.1.5 - Excavating trenches of required width for pipes, cables, etc., including excavation for sockets, and dressing of sides, ramming of bottoms, depth up to 1.5m, including getting out the excavated soil, and then returning the soil as required, in layers not exceeding 20cm in depth, including consolidating each deposited layer by ramming, watering, etc., and disposing of surplus excavated soil as directed, within a lead of 50 m, in Ordinary Rock.	132.750	cum	879.44	116745.66	Rupees One Lakh Sixteen Thousand Seven Hundred Forty Five And Sixty Six paise Only
16.003	100.14.5 - Conveying and laying S&S Centrifugally Cast (Spun) / Ductile Iron Pipes conforming to IS: 8329 excluding cost of pipes and specials: 300mm diameter Ductile Iron Class K-9 Pipes.	150.000	metre	223.66	33549.00	Rupees Thirty Three Thousand Five Hundred Forty Nine Only
16.004	100.14.7 - Conveying and laying S&S Centrifugally Cast (Spun) / Ductile Iron Pipes conforming to IS: 8329	150.000	metre	356.88	53532.00	Rupees Fifty Three Thousand Five Hundred Thirty Two

SI No	Description of work	No. or Qty.	Unit	Accepted Rate	TOTAL AMOUNT	TOTAL AMOUNT in words
	excluding cost of pipes and specials: 400mm diameter Ductile Iron Class K-9 Pipes.					Only
16.005	100.98.119 - Supply of DI K9 Pipe Conforming to IS 8329/2000, 300mm Dia.	150.000	metre	4721.24	708186.00	Rupees Seven Lakh Eight Thousand One Hundred Eighty Six Only
16.006	100.98.121 - Supply of DI K9 Pipe Conforming to IS 8329/2000, 400mm Dia.	150.000	metre	7382.28	1107342.00	Rupees Eleven Lakh Seven Thousand Three Hundred Forty Two Only
16.007	100.98.475 - Supply of CI Double Flanged Sluice Valve Conforming to IS 14846 - 2000, Sluice Valve with Cap PN 1.0, Size 300mm.	1.000	no	43306.78	43306.78	Rupees Forty Three Thousand Three Hundred Six And Seventy Eight paise Only
16.008	100.98.477 - Supply of CI Double Flanged Sluice Valve Conforming to IS 14846 - 2000, Sluice Valve with Cap PN 1.0, Size 400mm.	1.000	no	94002.05	94002.05	Rupees Ninety Four Thousand Zero Two And Five paise Only
16.009	18.70.5 - Providing push - on-joints to Centrifugally (Spun) Cast Iron Pipes or Ductile Iron Pipes including testing of joints and including the cost of rubber gasket:300 mm dia pipe	32.000	joint	449.77	14392.64	Rupees Fourteen Thousand Three Hundred Ninety Two And Sixty Four paise Only
16.010	18.70.7 - Providing push - on-joints to Centrifugally (Spun) Cast Iron Pipes or Ductile Iron Pipes including testing of joints and including the cost of rubber gasket:400 mm dia pipes	32.000	joint	742.77	23768.64	Rupees Twenty Three Thousand Seven Hundred Sixty Eight And Sixty Four paise Only
16.011	18.73.5 - Providing and laying Double Flanged ( Screwed / Welded ) Centrifugally (Spun) Ductile Iron Pipes of Class K - 9 conforming to IS: 8329 :300 mm dia Ductile Iron Double Flanged	10.000	metre	6784.34	67843.40	Rupees Sixty Seven Thousand Eight Hundred Forty Three And Forty Zero paise Only
16.012	18.73.7 - Providing and laying Double Flanged ( Screwed / Welded ) Centrifugally (Spun) Ductile Iron Pipes of Class K - 9 conforming to IS: 8329 :400 mm dia Ductile Iron Double Flanged	10.000	metre	10960.02	109600.20	Rupees One Lakh Nine Thousand Six Hundred Zero And Twenty Zero paise Only
16.013	18.83.7 - Labour for cutting C.I. pipe with steel saw.300 mm diameter C.I. pipe	7.000	Each Cut	701.43	4910.01	Rupees Four Thousand Nine Hundred Ten

SI No	Description of work	No. or Qty.	Unit	Accepted Rate	TOTAL AMOUNT	TOTAL AMOUNT in words
						And One paise Only
16.014	18.83.9 - Labour for cutting C.I. pipe with steel saw.400 mm diameter C.I. pipe	8.000	Each Cut	932.85	7462.80	Rupees Seven Thousand Four Hundred Sixty Two And Eighty Zero paise Only
16.015	100.31.1.7 - Conveying and fixing C.I. sluice valves (with cap) by providing bolts, nuts, rubber insertions etc., complete, but excluding the cost of the valve (tail pieces, if required, will be paid separately): 300mm diameter, Class I.	1.000	no	2828.23	2828.23	Rupees Two Thousand Eight Hundred Twenty Eight And Twenty Three paise Only
16.016	100.31.1.9 - Conveying and fixing C.I. sluice valves (with cap) by providing bolts, nuts, rubber insertions etc., complete, but excluding the cost of the valve (tail pieces, if required, will be paid separately): 400mm diameter, Class I.	1.000	no	4988.80	4988.80	Rupees Four Thousand Nine Hundred Eighty Eight And Eighty Zero paise Only
<b>17</b>	<b>Supplying Lab Equipment</b>					
17.001	OD7391/2023-2024 - A well-equipped laboratory for physical, chemical, and Bacteriological tests as per WHO/CPHEEO manual shall be provided in the filter house/chemical house office building .the arrangements of testing equipment as mentioned below, : DigitalTurbiditymeter, DigitalpHmeter, Conductivitymeter, Photoelectricchloroscope, Bacteriologicaltest kit, Jar test apparatus(minimumof4jars), Electronicbalance(toweighupto1mg), Autoclave, Incubator, Refrigerator, Distilledwaterplant, Chlorine test kit, Gasmask, PHkit, Hot plate, Mufflefurnace, Electricoven, Centrifuge, Magneticstirrer, GasCylinder, FumeCupboard, Electronic weighing balance, etc. complete as per direction of departmental officials.	1.000	no	427999.67	427999.67	Rupees Four Lakh Twenty Seven Thousand Nine Hundred Ninety Nine And Sixty Seven paise Only
17.002	OD7414/2023-2024 - A well-equipped laboratory for physical, chemical, and Bacteriological tests as per	1.000	set	107000.54	107000.54	Rupees One Lakh Seven Thousand Zero Zero And Fifty

SI No	Description of work	No. or Qty.	Unit	Accepted Rate	TOTAL AMOUNT	TOTAL AMOUNT in words
	WHO/CPHEEO manual shall be provided in the filter house/chemical house office building . The following minimum number of glass wares of standard manufacturers and other requirements for testing shall be supplied and completed as per the direction of departmental officials: Testtube (12), Conical flask(standard size) (6), Standard flask (6), Pipette (3),100mlStandardbottle(10), Glassrod (6),Spatula (2), Porcelain dish (2).					Four paise Only
<b>18</b>	<b>Office Furniture</b>					
18.001	OD7230/2023-2024 - Supply of steel Almarah of min. size 135cm x 90cm x 50cm 20 gauge or nearest size inside the lab with shutters, lock and key arrangements shall be made up of mild steel, powder coated of reputed companies like Godrej, Allwyn, etc as per direction of departmental officials.	3.000	no	7553.77	22661.31	Rupees Twenty Two Thousand Six Hundred Sixty One And Thirty One paise Only
18.002	OD7231/2023-2024 - Supply of armchairs shall be made up of mild steel, powder coated by reputed companies like Godrej, Allwyn, etc as per the direction of departmental officials.	8.000	no	5180.01	41440.08	Rupees Forty One Thousand Four Hundred Forty Zero And Eight paise Only
18.003	OD7232/2023-2024 - Supply of steel double drawer table shall be made up of mild steel, powder coated of reputed companies like Godrej, Allwyn, etc as per direction of departmental officials.	3.000	no	6475.02	19425.06	Rupees Nineteen Thousand Four Hundred Twenty Five And Six paise Only
<b>19</b>	<b>Mechanical items</b>					
19.001	OD228752/2022-2023 - supply, installation, testing, trial run and commissioning Mechanical components of the Water Treatment Plant and recycling plant including pumps, motors, valves filter bed arrangements, gantry cranes, rolling shutters, grills, and ladders, suitable for SCADA operation, handrails, protection works, pipeline	1.000	L.S	31177821.53	31177821.53	Rupees Three Crore Eleven Lakh Seventy Seven Thousand Eight Hundred Twenty One And Fifty Three paise Only

SI No	Description of work	No. or Qty.	Unit	Accepted Rate	TOTAL AMOUNT	TOTAL AMOUNT in words
	works between components, blower units, bridges and racking mechanics, and backwash units all connected works for the satisfactory completion of works as per the direction of departmental officers.,chlorinator including chlorine cylinders (9 Nos), all connected works for the satisfactory completion of works as per the direction of department officers.					
19.002	OD255615/2022-2023 - Providing and fixing 304 stainless steel lamella plates and support structures for water.-treatment, Inclined Chanel support ,top cover,side support,weir for water out flow,SS 304 nuts and bolts, welding etc&lt;br&gt;settlers and side supporting cover are fabricated using high graded stainless steel SS 304 suitable for use in the&lt;br&gt;water and waste treatment plants to improve the quantity and quality of water production. with all required&lt;br&gt;accessories -(effective size of plate length-2.4 m,width-1.219 m,thickness-0.7 mm. or suitable ) 60mm spacing as per the direction of departmental&lt;br&gt;officers.&lt;br&gt;304 stainless steel lamella plates and support structures for water treatment plant.	1424.000	no	7934.87	11299254.88	Rupees One Crore Twelve Lakh Ninety Nine Thousand Two Hundred Fifty Four And Eighty Eight paise Only
<b>20</b>	<b>Electrical components of WTP</b>					
20.001	OD249845/2022-2023 - supply, installation, testing, and commissioning of electrical items like wiring materials, ,wiring with sufficient number of Light , Fan, plug pints of light and Power, Yard lighting works as directed by departmental officers, Providing and fixing all fixtures including Ceiling Fan, Exhaust Fan, Pedestal Fan, wall mounted Fan and LED Lights of good quality wherever necessary and all other electrical works & mechanical works, CCTV	1.000	set	9321037.50	9321037.50	Rupees Ninety Three Lakh Twenty One Thousand Zero Thirty Seven And Fifty Zero paise Only

SI No	Description of work	No. or Qty.	Unit	Accepted Rate	TOTAL AMOUNT	TOTAL AMOUNT in words
	works for all the areas in the WTP & outside, All safety works and items as per the standards of Electrical Inspectorate, Air conditioner of required capacity for SCADA, yard lighting, lightning arrester as per IS specification, all safety equipment etc complete as per latest IE rules as per directions of departmental officers. items approved by Kerala Electrical Inspectorate, , lightning arresters, and drawings for the electrical inspectorate. (All the work must be in accordance with Electrical Inspectorate standards.) , and all other electrical works for the satisfactory completion of the electrical works. All paper and allied works with Electrical inspectorate for approval and to be got approved by Electrical Inspectorate All the other cable works related to Electrical works, Supply and works of required Earthing, All paper and allied works with the Electrical inspectorate for approval and to be got approved by Electrical Inspectorate and all related mechanical works					
<b>21</b>	<b>SCADA and connected works</b>					
21.001	OD258323/2022-2023 - PLC - SCADA Automation design, Engineering, procurement, installation, training and trail run-.SCADA system for the entire unit(WTP , )with actuators for various valves,cables, supply & fixing of actuator type valves for WTP, supply of sensors, computer,Air conditioner unit,water level indicators computers, PH meter, turbidity meter,all type meter for WTP and intake , digital flow meters , monitoring of all the parameters during operation of the plant, supply of electrical & PLC control panels & S C A D A , supply of	1.000	no	6214025.00	6214025.00	Rupees Sixty Two Lakh Fourteen Thousand Zero Twenty Five Only

SI No	Description of work	No. or Qty.	Unit	Accepted Rate	TOTAL AMOUNT	TOTAL AMOUNT in words
	cables, PLC SCADA programming & development charges, cabling charges etc including all works of automation of the WET and other connected components					
<b>22</b>	<b>Operation and Maintenance</b>					
22.001	OD258200/2022-2023 - Operation and maintenance for 3 years including charges for labour, chemicals, periodic maintenance of Civil, mechanical, electrical, landscaping items etc (only the electrical energy charges payable to KSEB during the maintenance period shall be born by KWA)	1.000	L.S	46605187.50	46605187.50	Rupees Four Crore Sixty Six Lakh Five Thousand One Hundred Eighty Seven And Fifty Zero paise Only
<b>23</b>	<b>CCTV</b>					
23.001	OD249840/2022-2023 - CCTV (Cameras) with all equipment, DVR (30 days backup) etc. complete as per directions. -CCTV -Covering the whole of new WTP including FH, Chemical House, Pump houses, Chlorine room, pipe gallery, recycling unit, office block, SCADA room, and substation, in and out of WTP compound covering whole area with 1.NVR - CP Plus 64 Channel 8 Sata NVR 320 Mbps Upto 4K Support Model LCP - UNR - 4K564R8(all connected items for the satisfactory completion of work).  2. Bullet Camera - CP Plus Full HD IP Camera-5MP 1080p 6 mm 80 Meter (For Front Gate View/In and Out)Model:CP UNC TA 21 L 8 . - 2Nos  3. Bullet Camera - CP Plus Full HD IP Camera-5MP 1080p body 3.6mm 30 Meter Model: CP UNC TA 21 P L 3 - 28Nos.  4. Dome Camera - CP Plus Full HD IP Camera Dome-5MP 1080p for Office Building and Computer Room Model:CP UNC DA 21 P L 3 - 5Nos.  5. 6 TB HDD	1.000	set	745683.00	745683.00	Rupees Seven Lakh Forty Five Thousand Six Hundred Eighty Three Only



SI No	Description of work	No. or Qty.	Unit	Accepted Rate	TOTAL AMOUNT	TOTAL AMOUNT in words
	- 6 TB WD Purple Surveillance HDD(Approx 30 Days Backup for Motion Detection H265 Data Storage for 16 Cameras per NVR-4Nos  6- 43 Inch Full HD Android TV VU/TCL -1Nos  7-Supply and installation of 24 port L2 Manager Switch having 24 Numbers 10/100/1000 Compo port-1Nos  8-Supply and installation of 42 Urack with accessories - 1 Nos   9-Cp Plus 8+2 Part Poe 10/100/1000 2 Gigabyte U P link Port -5Nos  10-Bullet Camera 5MP Outdoor Housing with Stand-10Nos   11-CP Plus 4 Part POE Switch:4+2 Part Gigabyte Up link Transmission 10/100/1000 Mbps-2Nos   12-CP Plus 8+2 Port Poe 2 SEP port Switch 10/100/1000)Water pumping Area)-2Nos .etc all connected items for the completion of work as per the direction of departmental officers on the basis of details of data analysis					
<b>24</b>	<b>Installing Inverter</b>					
24.001	OD189112/2022-2023 - Supplying, installing, testing, trial run and commissioning 6 KVA or more capacity inverter with 8 hours back for yard light, office accessories etc as per directions of deptl: Officers.	1.000	L.S	124280.50	124280.50	Rupees One Lakh Twenty Four Thousand Two Hundred Eighty Zero And Fifty Zero paise Only
<b>25</b>	<b>Construction of indoor transformer room near WTP site</b>					
25.001	OD1377/2023-2024 - Supply installation testing and commissioning of 100kWp solar on grid plant with advanced Mono Perc Half Cut Solar panels, Structures to mount panels, DC cables and connectors DC junction Box, Inverters. AC junction Box , solar meter with Box, AC cables, Link/CB, TPN Box and all other electrical and mechanical accessories complete a sper the direction of departmental officers and	1.000	set	7490385.74	7490385.74	Rupees Seventy Four Lakh Ninety Zero Thousand Three Hundred Eighty Five And Seventy Four paise Only

SI No	Description of work	No. or Qty.	Unit	Accepted Rate	TOTAL AMOUNT	TOTAL AMOUNT in words
	in accordance with Inspectorate standards. All paper and allied works with Electrical inspectorate and KSEB Limited for the approval and to be got approved by Electrical Inspectorate and KSEB Limited.					
25.002	2.31 - Clearing jungle including uprooting of rank vegetation, grass, brush wood, trees and saplings of girth up to 30 cm measured at a height of 1 m above ground level and removal of rubbish up to a distance of 50 m outside the periphery of the area cleared	225.000	sqm	16.08	3618.00	Rupees Three Thousand Six Hundred Eighteen Only
25.003	2.8.1 - Earth work in excavation by mechanical means (Hydraulic excavator) /manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, lift up to 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m.All kinds of soil	77.480	cum	323.75	25084.15	Rupees Twenty Five Thousand Zero Eighty Four And Fifteen paise Only
25.004	2.26.1 - Extra for every additional lift 1.5 m or part there of in excavation / banking excavated or stacked materials.All kinds of soil	13.500	cum	115.97	1565.60	Rupees One Thousand Five Hundred Sixty Five And Sixty Zero paise Only
25.005	4.1.8 - Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level:1:4:8 (1 cement : 4 coarse sand : 8 graded stone aggregate 40 nominal size)	4.102	cum	7429.05	30473.96	Rupees Thirty Zero Thousand Four Hundred Seventy Three And Ninety Six paise Only
25.006	5.33.1 - Providing and laying in position machine batched and machine mixed design mix M-25 grade cement concrete for reinforced cement concrete work, using cement content as per approved design mix, including pumping of concrete to site of laying but excluding the cost of centering, shuttering, finishing and reinforcement, including admixtures in	15.754	cum	10261.92	161666.29	Rupees One Lakh Sixty One Thousand Six Hundred Sixty Six And Twenty Eight paise Only

SI No	Description of work	No. or Qty.	Unit	Accepted Rate	TOTAL AMOUNT	TOTAL AMOUNT in words
	recommended proportions as per IS: 9103 to accelerate, retard setting of concrete, improve workability without impairing strength and durability as per direction of Engineer - in-charge. Note:- Cement content considered in this item is @ 330 kg/ cum. Excess or less cement used as per design mix is payable or recoverable separately. All work upto plinth level					
25.007	5.33.2 - Providing and laying in position machine batched and machine mixed design mix M-25 grade cement concrete for reinforced cement concrete work, using cement content as per approved design mix, including pumping of concrete to site of laying but excluding the cost of centering, shuttering, finishing and reinforcement, including admixtures in recommended proportions as per IS: 9103 to accelerate, retard setting of concrete, improve workability without impairing strength and durability as per direction of Engineer - in-charge. Note:- Cement content considered in this item is @ 330 kg/ cum. Excess or less cement used as per design mix is payable or recoverable separately. All work above plinth level upto floor V level	26.165	cum	12062.92	315626.30	Rupees Three Lakh Fifteen Thousand Six Hundred Twenty Six And Thirty Zero paise Only
25.008	2.25 - Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundation etc. in layers not exceeding 20 cm in depth, consolidating each deposited layer by ramming and watering, lead up to 50 m and lift up to 1.5 m.	22.500	cum	281.86	6341.85	Rupees Six Thousand Three Hundred Forty One And Eighty Five paise Only
25.009	4.1.5 - Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level:1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 20 mm nominal size)	7.675	cum	8031.54	61642.07	Rupees Sixty One Thousand Six Hundred Forty Two And Seven paise Only
25.010	5.9.1 - Centering and	39.180	sqm	365.53	14321.47	Rupees

SI No	Description of work	No. or Qty.	Unit	Accepted Rate	TOTAL AMOUNT	TOTAL AMOUNT in words
	shuttering including strutting, etc. and removal of form for:Foundations, footings, bases of columns, etc for mass concrete					Fourteen Thousand Three Hundred Twenty One And Forty Seven paise Only
25.011	5.9.6 - Centering and shuttering including strutting, etc. and removal of form for:Columns, Pillars, Piers, Abutments, Posts and Struts	78.400	sqm	941.45	73809.68	Rupees Seventy Three Thousand Eight Hundred Nine And Sixty Eight paise Only
25.012	5.9.5 - Centering and shuttering including strutting, etc. and removal of form for:Lintels, beams, plinth beams, girders bressumers and cantilevers	127.240	sqm	708.36	90131.73	Rupees Ninety Zero Thousand One Hundred Thirty One And Seventy Three paise Only
25.013	5.9.3 - Centering and shuttering including strutting, etc. and removal of form for:Suspended floors, roofs, landings, balconies and access platform	92.208	sqm	889.27	81997.81	Rupees Eighty One Thousand Nine Hundred Ninety Seven And Eighty One paise Only
25.014	5.11.1 - Extra additional height in centering, shuttering where ever required with adequate bracing, propping etc. including cost of de-shuttering and decentering at all levels, over a height of 3.5m, for every additional height of 1 metre or part thereof (Plan area to be measured).Suspended floors, roofs, landing, beams and balconies (Plan area to be measured)	62.640	sqm	368.89	23107.27	Rupees Twenty Three Thousand One Hundred Seven And Twenty Seven paise Only
25.015	5.22.6 - Steel reinforcement for R.C.C work including straightening, cutting, bending, placing in position and binding all complete upto plinth levelThermo - Mechanically Treated bars of grade Fe-500D or more	5080.215	kilogram	107.16	544395.84	Rupees Five Lakh Forty Four Thousand Three Hundred Ninety Five And Eighty Four paise Only
25.016	50.6.1.2 - Solid block masonry using pre cast solid blocks (Factory made) of size 40x20x20cm or nearest available size confirming to IS 2185 part I of 1979 for super structure up to floor two level thickness 20cm and above in: CM 1:6 ( 1 cement: 6 coarse sand) etc complete.	17.284	cum	7131.37	123258.60	Rupees One Lakh Twenty Three Thousand Two Hundred Fifty Eight And Sixty Zero paise Only
25.017	10.13.1 - Providing and fixing	203.700	kg	136.62	27829.49	Rupees Twenty

SI No	Description of work	No. or Qty.	Unit	Accepted Rate	TOTAL AMOUNT	TOTAL AMOUNT in words
	T-iron frames for doors, windows and ventilators of mild steel Tee- sections, joints mitred and welded, including fixing of necessary butt hinges and screws and applying a priming coat of approved steel primer.Fixing with 15x3 mm lugs 10 cm long embedded in cement concrete block 15x10x10 cm of C.C. 1:3:6 ( 1 Cement : 3 coarse sand : 6 graded stone aggregate 20 mm nominal size)					Seven Thousand Eight Hundred Twenty Nine And Forty Nine paise Only
25.018	10.11.1 - Providing and fixing factory made ISI marked steel glazed doors, windows and ventilators, side/top/centre hung, with beading and all members such as F7D, F4B, K11B and K 12 B etc. complete of standard rolled steel sections, joints mitred and flash butt welded and sash bars tenoned and riveted, including providing and fixing of hinges, pivots, including priming coat of approved steel primer, but excluding the cost of other fittings, complete all as per approved design, (sectional weight of only steel members shall be measured for payment).Fixing with 15x3 mm lugs 10 cm long embedded in cement concrete block 15x10x10 cm of C.C. 1:3:6 ( 1 Cement : 3 coarse sand: 6 graded stone aggregate 20 mm nominal size)	302.850	kg	213.68	64712.99	Rupees Sixty Four Thousand Seven Hundred Twelve And Ninety Nine paise Only
25.019	10.1 - Structural steel work in single section, fixed with or without connecting plate, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete.	192.685	kilogram	110.40	21272.42	Rupees Twenty One Thousand Two Hundred Seventy Two And Forty Two paise Only
25.020	10.3 - Providing and fixing in position collapsible steel shutters with vertical channels 20x10x2 mm and braced with flat iron diagonals 20x5 mm size, with top and bottom rail of T-iron 40x40x6 mm, with 40 mm dia steel pulleys, complete with bolts,	7.500	sqm	11125.76	83443.20	Rupees Eighty Three Thousand Four Hundred Forty Three And Twenty Zero paise Only

Sl No	Description of work	No. or Qty.	Unit	Accepted Rate	TOTAL AMOUNT	TOTAL AMOUNT in words
	nuts,locking arrangement, stoppers, handles, including applying a priming coat of approved steel primer .					
25.021	13.9.1 - Cement plaster 1:3 ( 1 cement : 3 coarse sand) finished with a floating coat of neat cement.12 mm cement plaster	664.990	sqm	449.28	298766.71	Rupees Two Lakh Ninety Eight Thousand Seven Hundred Sixty Six And Seventy One paise Only
25.022	13.40 - Distemping with dry distemper of approved brand and manufacture (two or more coats) of required shade on new work, over and including water thinnable priming coat to give an even shade:	227.220	sqm	151.06	34323.85	Rupees Thirty Four Thousand Three Hundred Twenty Three And Eighty Five paise Only
25.023	13.46.1 - Finishing walls with Acrylic Smooth exterior paint of required shade:New work (Two or more coat applied @ 1.67 ltr/10 sqm over and including priming coat of exterior primer applied @ 2.20 kg/10 sqm)	183.378	sqm	211.36	38758.77	Rupees Thirty Eight Thousand Seven Hundred Fifty Eight And Seventy Seven paise Only
25.024	13.48.3 - Finishing with Deluxe Multi surface paint system for interiors and exteriors using primer as per m a n u f a c t u r e r s specifications:Painting Steel work with Deluxe Multi Surface Paint to give an even shade. Two or more coat applied @ 0.90 ltr/10 sqm over an under coat of primer applied @ 0.80 ltr/10 sqm of approved brand and manufacture	45.350	sqm	161.45	7321.76	Rupees Seven Thousand Three Hundred Twenty One And Seventy Six paise Only
25.025	OD86917/2022-2023 - Supplying and laying ISI quality rubber sheet mat in front of panel board and over the chequered platesabove cable trench for earthing protection	45.000	sqm	466.05	20972.25	Rupees Twenty Thousand Nine Hundred Seventy Two And Twenty Five paise Only
<b>26</b>	<b>Providing and fixing concrete tiles and landscaping on yard</b>					
26.001	16.91.2 - Providing and laying factory made chamfered edge Cement Concrete paver blocks in footpath, parks, lawns, drive ways or light traffic parking etc, of required strength, thickness & size/ shape, made by table vibratory method	750.000	sqm	1222.87	917152.50	Rupees Nine Lakh Seventeen Thousand One Hundred Fifty Two And Fifty Zero paise Only

SI No	Description of work	No. or Qty.	Unit	Accepted Rate	TOTAL AMOUNT	TOTAL AMOUNT in words
	using PU mould, laid in required colour & pattern over 50mm thick compacted bed of sand, compacting and proper embedding/laying of inter locking paver blocks into the sand bedding layer through vibratory compaction by using plate vibrator, filling the joints with sand and cutting of paver blocks as per required size and pattern, finishing and sweeping extra sand. complete all as per direction of Engineer-in-Charge.80 mm thick C.C. paver block of M-30 grade with approved color design and pattern.					
26.002	OD87978/2022-2023 - Providing and fixing Neelgiri/Mexican grass turf with earth 50mm to 60mm thickness of existing ground prepared with proper level and ramming with required tools wooden (Dhurmos) and than rolling the surface with light roller make the surface smoothen and even, watering with sprinkler  Detail of Cost for 100 sqm Neel giri/maxican grass turf = 100 sqm Add 15% wastage = 15 Sqm Total = 115 Sqm	1200.000	sqm	306.00	367200.00	Rupees Three Lakh Sixty Seven Thousand Two Hundred Zero Only
26.003	OD86932/2022-2023 - Plantation of Trees, Shrubs, and Hedge at site i/c watering and removal of serviceable material?s as per direction of officer in charge( including cast of plant & water )&lt;br&gt;Cost of plantation per trees plants.as per the direction of departmental officers.	300.000	no	102.81	30843.00	Rupees Thirty Zero Thousand Eight Hundred Forty Three Only
<b>27</b>	<b>Construction of concrete road and drainage</b>					
27.001	2.8.1 - Earth work in excavation by mechanical means (Hydraulic excavator) /manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, lift up to 1.5 m, including getting out	216.000	cum	323.75	69930.00	Rupees Sixty Nine Thousand Nine Hundred Thirty Zero Only

SI No	Description of work	No. or Qty.	Unit	Accepted Rate	TOTAL AMOUNT	TOTAL AMOUNT in words
	the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m.All kinds of soil					
27.002	4.1.3 - Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level:1:2:4 (cement : 2 coarse sand (zone-III) : 4 graded stone aggregate 20 mm nominal size)	18.000	cum	8711.01	156798.18	Rupees One Lakh Fifty Six Thousand Seven Hundred Ninety Eight And Eighteen paise Only
27.003	16.1 - Preparation and consolidation of sub grade with power road roller of 8 to 12 tonne capacity after excavating earth to an average of 22.5 cm depth, dressing to camber and consolidating with road roller including making good the undulations etc. and re-rolling the sub grade and disposal of surplus earth with lead upto 50 metres.	490.000	sqm	201.15	98563.50	Rupees Ninety Eight Thousand Five Hundred Sixty Three And Fifty Zero paise Only
27.004	5.33.1 - Providing and laying in position machine batched and machine mixed design mix M-25 grade cement concrete for reinforced cement concrete work, using cement content as per approved design mix, including pumping of concrete to site of laying but excluding the cost of centering, shuttering, finishing and reinforcement, including admixtures in recommended proportions as per IS: 9103 to accelerate, retard setting of concrete, improve workability without impairing strength and durability as per direction of Engineer - in-charge. Note:- Cement content considered in this item is @ 330 kg/ cum. Excess or less cement used as per design mix is payable or recoverable separately.All work upto plinth level	117.000	cum	10261.92	1200644.64	Rupees Twelve Lakh Zero Six Hundred Forty Four And Sixty Four paise Only
27.005	5.9.1 - Centering and shuttering including strutting, etc. and removal of form for:Foundations, footings, bases of columns, etc for mass concrete	148.000	sqm	365.53	54098.44	Rupees Fifty Four Thousand Zero Ninety Eight And Forty Four paise Only



SI No	Description of work	No. or Qty.	Unit	Accepted Rate	TOTAL AMOUNT	TOTAL AMOUNT in words
27.006	5.9.2 - Centering and shuttering including strutting, etc. and removal of form for:Walls (any thickness) including attached pilasters, butresses, plinth and string courses etc.	600.000	sqm	781.84	469104.00	Rupees Four Lakh Sixty Nine Thousand One Hundred Four Only
27.007	5.22.6 - Steel reinforcement for R.C.C work including straightening, cutting, bending, placing in position and binding all complete upto plinth levelThermo - Mechanically Treated bars of grade Fe-500D or more	6750.000	kilogram	107.16	723330.00	Rupees Seven Lakh Twenty Three Thousand Three Hundred Thirty Zero Only
27.008	13.9.1 - Cement plaster 1:3 ( 1 cement : 3 coarse sand) finished with a floating coat of neat cement.12 mm cement plaster	450.000	sqm	449.28	202176.00	Rupees Two Lakh Two Thousand One Hundred Seventy Six Only
<b>28</b>	<b>Constructing Compound Wall around the compound of Water Treatment Plant (WTP) in Kunnathoor Taluk</b>					
28.001	2.8.1 - Earth work in excavation by mechanical means (Hydraulic excavator) /manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, lift up to 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m.All kinds of soil	215.086	cum	323.75	69634.09	Rupees Sixty Nine Thousand Six Hundred Thirty Four And Nine paise Only
28.002	4.1.6 - Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level:1:3:6 ( 1 cement : 3 coarse sand : 6 graded stone aggregate 40 mm nominal size)	28.148	cum	7861.02	221271.99	Rupees Two Lakh Twenty One Thousand Two Hundred Seventy One And Ninety Nine paise Only
28.003	7.1.1 - Random rubble masonry with hard stone in foundation and plinth including levelling up with cement concrete 1:6:12 (1 cement : 6 coarse sand : 12 graded stone aggregate 20 mm nominal size) up to plinth level with:Cement mortar 1:6 (1 cement : 6 coarse sand)	160.488	cum	7854.07	1260483.99	Rupees Twelve Lakh Sixty Zero Thousand Four Hundred Eighty Three And Ninety Nine paise Only
28.004	5.1.3 - Providing and laying in position specified grade of	19.358	cum	9362.52	181239.66	Rupees One Lakh Eighty

SI No	Description of work	No. or Qty.	Unit	Accepted Rate	TOTAL AMOUNT	TOTAL AMOUNT in words
	reinforced cement concrete, excluding the cost of centering, shuttering, finishing and reinforcement - All work up to plinth level:1:2:4 ( 1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size)					One Thousand Two Hundred Thirty Nine And Sixty Six paise Only
28.005	5.9.1 - Centering and shuttering including strutting, etc. and removal of form for:Foundations, footings, bases of columns, etc for mass concrete	84.560	sqm	365.53	30909.22	Rupees Thirty Zero Thousand Nine Hundred Nine And Twenty Two paise Only
28.006	5.22.6 - Steel reinforcement for R.C.C work including straightening, cutting, bending, placing in position and binding all complete upto plinth levelThermo - Mechanically Treated bars of grade Fe-500D or more	1161.540	kilogram	107.16	124470.63	Rupees One Lakh Twenty Four Thousand Four Hundred Seventy Zero And Sixty Three paise Only
28.007	50.6.1.2 - Solid block masonry using pre cast solid blocks (Factory made) of size 40x20x20cm or nearest available size confirming to IS 2185 part I of 1979 for super structure up to floor two level thickness 20cm and above in: CM 1:6 ( 1 cement: 6 coarse sand) etc complete.	147.317	cum	7131.37	1050572.03	Rupees Ten Lakh Fifty Zero Thousand Five Hundred Seventy Two And Three paise Only
28.008	13.9.1 - Cement plaster 1:3 ( 1 cement : 3 coarse sand) finished with a floating coat of neat cement.12 mm cement plaster	1485.780	sqm	449.28	667531.24	Rupees Six Lakh Sixty Seven Thousand Five Hundred Thirty One And Twenty Four paise Only
28.009	13.40 - Distempering with dry distemper of approved brand and manufacture (two or more coats) of required shade on new work, over and including water thinnable priming coat to give an even shade:	1482.180	sqm	151.06	223898.11	Rupees Two Lakh Twenty Three Thousand Eight Hundred Ninety Eight And Eleven paise Only
28.010	OD86914/2022-2023 - Providing MS gates for compound wall using 40mm GI pipe for frame work and inside of this framemaking grills using 10mm square rod, 100mm C/C on both sides and the vertical rod extented from the top frame upto required length as per drawing and painting epoxy paint two	2.000	no	15918.85	31837.70	Rupees Thirty One Thousand Eight Hundred Thirty Seven And Seventy Zero paise Only

SI No	Description of work	No. or Qty.	Unit	Accepted Rate	TOTAL AMOUNT	TOTAL AMOUNT in words
	coats for approved colour after painting zinc rich priming coat after rubbing with emery paper and cleaning the surface and arranging the locking system including cost of materials and labour and hire charges for fabricating etc. complete as per the direction of depl. Officers.					
28.011	13.48.3 - Finishing with Deluxe Multi surface paint system for interiors and exteriors using primer as per manufacturers specifications: Painting Steel work with Deluxe Multi Surface Paint to give an even shade. Two or more coat applied @ 0.90 ltr/10 sqm over an under coat of primer applied @ 0.80 ltr/10 sqm of approved brand and manufacture	12.600	sqm	161.45	2034.27	Rupees Two Thousand Zero Thirty Four And Twenty Seven paise Only
<b>29</b>	<b>Supply and laying 900mm DI K9 clear water pumping mains from clear water pump house to balancing OHSR at WT plant site</b>					
29.001	100.1.1 - Excavating trenches of required width for pipes, cables, etc., including excavation for sockets, and dressing of sides, ramming of bottoms, depth up to 1.5m, including getting out the excavated soil, and then returning the soil as required, in layers not exceeding 20cm in depth, including consolidating each deposited layer by ramming, watering, etc., and disposing of surplus excavated soil as directed, within a lead of 50m, in all kinds of soil.	136.000	cum	605.61	82362.96	Rupees Eighty Two Thousand Three Hundred Sixty Two And Ninety Six paise Only
29.002	100.1.5 - Excavating trenches of required width for pipes, cables, etc., including excavation for sockets, and dressing of sides, ramming of bottoms, depth up to 1.5m, including getting out the excavated soil, and then returning the soil as required, in layers not exceeding 20cm in depth, including consolidating each deposited layer by ramming, watering, etc., and disposing of surplus excavated soil as directed, within a lead of 50 m, in Ordinary Rock.	68.000	cum	879.44	59801.92	Rupees Fifty Nine Thousand Eight Hundred One And Ninety Two paise Only

SI No	Description of work	No. or Qty.	Unit	Accepted Rate	TOTAL AMOUNT	TOTAL AMOUNT in words
29.003	100.2.7 - Excavating trenches of required width for pipes, cables, etc., including excavation for sockets, and dressing of sides, ramming of bottoms, depth up to 1.5m, including getting out the excavated soil, and then returning the soil as required, in layers not exceeding 20cm in depth, including consolidating each deposited layer by ramming, watering, etc., and disposing of surplus excavated soil as directed, within a lead of 50m, in Medium Rock where Blasting is Prohibited.	47.600	cum	1462.48	69614.05	Rupees Sixty Nine Thousand Six Hundred Fourteen And Five paise Only
29.004	2.26.2 - Extra for every additional lift 1.5 m or part there of in excavation / banking excavated or stacked materials. Ordinary or hard rock	47.600	cum	207.99	9900.32	Rupees Nine Thousand Nine Hundred Zero And Thirty Two paise Only
29.005	100.14.14 - Conveying and laying S&S Centrifugally Cast (Spun) / Ductile Iron Pipes conforming to IS: 8329 excluding cost of pipes and specials: 900mm diameter Ductile Iron Class K-9 Pipes.	80.000	metre	1219.31	97544.80	Rupees Ninety Seven Thousand Five Hundred Forty Four And Eighty Zero paise Only
29.006	18.70.14 - Providing push - on-joints to Centrifugally (Spun) Cast Iron Pipes or Ductile Iron Pipes including testing of joints and including the cost of rubber gasket:900 mm dia pipes	18.000	joint	2517.88	45321.84	Rupees Forty Five Thousand Three Hundred Twenty One And Eighty Four paise Only
29.007	100.19.4 - Providing flanged joints to double flanged CI/DI pipes and specials, including testing of joints: 900mm Diameter Pipe.	2.000	joint	3790.10	7580.20	Rupees Seven Thousand Five Hundred Eighty Zero And Twenty Zero paise Only
29.008	100.22.4 - Labour for cutting C.I. pipe with steel saw: 900mm diameter C.I. pipe.	7.000	no	2136.16	14953.12	Rupees Fourteen Thousand Nine Hundred Fifty Three And Twelve paise Only
29.009	100.35.14 - Testing 900mm DI/CI pipeline with potable water to the required test pressure. 900 mm dia Observed Data derived from item no.1033 of PHED DATA	80.000	metre	261.48	20918.40	Rupees Twenty Thousand Nine Hundred Eighteen And Forty Zero paise Only

SI No	Description of work	No. or Qty.	Unit	Accepted Rate	TOTAL AMOUNT	TOTAL AMOUNT in words
29.010	4.1.3 - Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level:1:2:4 (cement : 2 coarse sand (zone-III) : 4 graded stone aggregate 20 mm nominal size)	15.300	cum	8711.01	133278.45	Rupees One Lakh Thirty Three Thousand Two Hundred Seventy Eight And Forty Five paise Only
<b>30</b>	<b>Cost of materials</b>					
30.001	100.98.128 - Supply of DI K9 Pipe Conforming to IS 8329/2000, 900mm Dia.	80.000	metre	23863.68	1909094.40	Rupees Nineteen Lakh Nine Thousand Zero Ninety Four And Forty Zero paise Only
30.002	18.68.2 - Providing and laying D.I specials of class K - 12 suitable for push - on jointing as per IS : 9523 :Above 600 mm dia	10.000	quintal	30175.67	301756.70	Rupees Three Lakh One Thousand Seven Hundred Fifty Six And Seventy Zero paise Only
<b>31</b>	<b>SUPPLY ERECTION AND COMMISSIONING OF 750 KVA USS TRANSFORMER (INDOOR TYPE) WTP SITE AT AMBUVILA</b>					
31.001	OD86918/2022-2023 - Supply ,erection ,testing and commissioning of of 1 1 k V / 4 3 3 V ,750KVA&lt;br&gt;,50Hz,3p hase , Vector Dyn 11 Resin Cast Indoor type copper&lt;br&gt;wound Transformer(IP 23) on load tap changer with RTCC &AVR panel tapping +5% to -5% in&lt;br&gt;steps of 2.5% with winding temperature scanner and hooter , LV&lt;br&gt;side provision for Bus Duct and HV side connected with 11kv VCB panel & the LV compartment which houses ACB. . All components are to be housed in an enclosure which protects the equipment against environmental hazards & unauthorized access . The electrical equipments are to be cooled by natural ventilation including all cost and erection charge. Supply erection ,testing and commissioning of Indoor type 1 1 k V , 6 3 0 A , 26.3kA&lt;br&gt;for 3 sec Horizontal Draw out VCB f i t t e d w i t h	1.000	no	2361329.50	2361329.50	Rupees Twenty Three Lakh Sixty One Thousand Three Hundred Twenty Nine And Fifty Zero paise Only

SI No	Description of work	No. or Qty.	Unit	Accepted Rate	TOTAL AMOUNT	TOTAL AMOUNT in words
	Manual/Motor operated spring charging mechanism with 230V AC motor and motor control switch, shunt trip coil of 24V DC, closing coil of 24V DC, Auxiliary Contact 6NO + 6NC, Mechanical ON/OFF indicator, mechanical operation counter, Anti pumping feature,overcurrent and earth fault relay, protection CT, (-/5 A, 5P10, 15VA, 11kV/110V, CI-0.2, 25VA PT Instantaneous IDMT relay with Microprocessor based 30/C + and IEF Protection relay, Strip Heater with thermostat, Power pack 230V AC - 24 V DC emergency OFF push button,ammeter & voltmeter with selector switch HT metering (3nos CT & 1no PT Unit) FOR KSEB					
31.002	OD86921/2022-2023 - Supply erection testing and commissioning of 11 Kv data acquisition copatible extensible type Ring main unit incorporated with one No. VCB and two load break switch Totally enclosed (11 kv,630A,,350MVA ,36KA)	1.000	no	528627.11	528627.11	Rupees Five Lakh Twenty Eight Thousand Six Hundred Twenty Seven And Eleven paise Only
31.003	OD86930/2022-2023 - Supply and laying 11 kv 3 core 300 sqm stranded compact circular aluminium conductor, conductors screened with extruded semi conducting compound XLPE insulated, insulation screened with extruded semi conducting compound in combination with copper tape (0.3KA for I sec.) cores laid up. inner sheath of PVC tape, galvanized steel flat strip armoured, and overall PVC sheathed cable conforming to IS: 7098 part II 1985 with latest amendment	40.000	metre	2241.65	89666.00	Rupees Eighty Nine Thousand Six Hundred Sixty Six Only
31.004	OD86936/2022-2023 - Supplying and making	1.000	set	22247.44	22247.44	Rupees Twenty Two Thousand

SI No	Description of work	No. or Qty.	Unit	Accepted Rate	TOTAL AMOUNT	TOTAL AMOUNT in words
	outdoor cable end termination with heat shrinkable jointing kit complete with all accessories including lugs suitable for following size of 3 core, XLPE aluminium conductor cable of 11 KV grade as required : &lt;br&gt;3x300 sq.mm out door					Two Hundred Forty Seven And Forty Four paise Only
31.005	OD86939/2022-2023 - Supplying and making indoor cable end termination with heat shrinkable jointing kit complete with all accessories including lugs suitable for following size of 3 core, XLPE aluminium conductor cable of 11 KV grade as required:&lt;br&gt;3x300 sq. mm indoor	4.000	set	15131.95	60527.80	Rupees Sixty Zero Thousand Five Hundred Twenty Seven And Eighty Zero paise Only
31.006	OD86940/2022-2023 - Charges for Supply transporting the LT CTunits and testing to the laboratories of KSEB and procuring approval for them.&lt;br&gt;&lt;br&gt;	1.000	no	18642.08	18642.08	Rupees Eighteen Thousand Six Hundred Forty Two And Eight paise Only
31.007	OD86963/2022-2023 - Supply and fixing of HT TOD meter including testing.	1.000	no	43001.05	43001.05	Rupees Forty Three Thousand Zero One And Five paise Only
31.008	OD86971/2022-2023 - Supply all materials and fixing of emergency push button with enclosure.	1.000	no	4297.62	4297.62	Rupees Four Thousand Two Hundred Ninety Seven And Sixty Two paise Only
31.009	OD86994/2022-2023 - Supply and fixing of neutral CT 150/5A, CL.5P10, 15VA on suitable enclosure.	1.000	no	7643.26	7643.26	Rupees Seven Thousand Six Hundred Forty Three And Twenty Six paise Only
31.010	OD87094/2022-2023 - Supply and laying 3c x 150 sqmm XLPE cable through existing cable trench or cable trays.	200.000	no	1615.65	323130.00	Rupees Three Lakh Twenty Three Thousand One Hundred Thirty Zero Only
31.011	OD205020/2022-2023 - Supply of Compact 1000A Sandwich Busway System Totally Type Tested in accordance with IEC61439-6, of below mentioned rating 1000A, 3Phase 4 Wire, 50Hz with	8.000	metre	33705.00	269640.00	Rupees Two Lakh Sixty Nine Thousand Six Hundred Forty Zero Only

SI No	Description of work	No. or Qty.	Unit	Accepted Rate	TOTAL AMOUNT	TOTAL AMOUNT in words
	100% neutral, 50% integral earth without external earth strip, IP65 in accordance to IEC 60529, housed in electrogalvanised sheet steel and aluminium enclosure, ANSI 49 Grey epoxy painting and with KEMA-KEUR, ASTA DIAMOND Certification.					
31.012	OD87111/2022-2023 - Supply all materials and termination of 3.5X150 sqmm XLPE cable	16.000	no	1284.00	20544.00	Rupees Twenty Thousand Five Hundred Forty Four Only
31.013	OD87131/2022-2023 - Earthing with G.I. earth plate 1200 mm X 1200 mm X 12 mm thick including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe of 2.7 metre long etc. with charcoal/ coke and salt as required.	12.000	no	16585.00	199020.00	Rupees One Lakh Ninety Nine Thousand Zero Twenty Only
31.014	OD87137/2022-2023 - Supply and laying following 32x6mm GI strip	500.000	no	227.64	113820.00	Rupees One Lakh Thirteen Thousand Eight Hundred Twenty Only
31.015	OD87153/2022-2023 - Supplying and laying 25 mm X 6mm copper strip at 0.50 metre below ground as strip earth electrode, including connection/ terminating with nut, bolt, spring, washer etc. as required. (Jointing shall be done by overlapping and with 2 sets of brass nut bolt & spring washer spaced at 50mm)	100.000	metre	1105.64	110564.00	Rupees One Lakh Ten Thousand Five Hundred Sixty Four Only
31.016	OD87161/2022-2023 - Supply and laying following Swg 10 copper conductor	100.000	metre	139.10	13910.00	Rupees Thirteen Thousand Nine Hundred Ten Only
31.017	OD87187/2022-2023 - Supply and laying of the following aluminium armoured LT cable using all suitable accessories through existing cable trench or cable trays. 3 x 300 Sq mm Al ar. cable - 100Meter, 4 x 6 Sqmm Al ar cable - 10 meter	1.000	metre	249928.09	249928.09	Rupees Two Lakh Forty Nine Thousand Nine Hundred Twenty Eight And Nine paise Only
31.018	OD87838/2022-2023 - Supply & termination of the following aluminium	1.000	1 meter	7314.06	7314.06	Rupees Seven Thousand Three Hundred



SI No	Description of work	No. or Qty.	Unit	Accepted Rate	TOTAL AMOUNT	TOTAL AMOUNT in words
	armoured LT cables using cable gland, aluminium crimping socket etc . 3x300 Sq mm Al ar.cable - 6 Nos, 4 x 6 Sqmm Al ar cable - 1meter					Fourteen And Six paise Only
31.019	OD87850/2022-2023 - Supply and installation of the following for fire protection.  H.T. Rubber mat 1/2<sup>39</sup><sup>39</sup>; thick- 3Nos L.T. Rubber mat 1/4<sup>39</sup><sup>39</sup>; thick - 2 Nos H.T.gloves - 2 pair Fire bucket with single stand -3 Nos HT Danger board - 1Nos LT Danger board - 6 Nos Fire extinguisher(5 KG DCP type) - 2 Nos Shock treatment chart - 1Nos First aid box - 2Nos	1.000	set	25942.31	25942.31	Rupees Twenty Five Thousand Nine Hundred Forty Two And Thirty One paise Only
31.020	OD87862/2022-2023 - Supply all materials and Fabrication and erection of cable trays /cable supports fabricated out of MS angles and M S flats of adequate size with sufficient width and spacing between successive cross members and supports at adequate spacing . The cable trays and supports shall be painted with 2 coats of zinc chromate primer and 2 coats of enamel paint.	100.000	kg	160.49	16049.00	Rupees Sixteen Thousand Zero Forty Nine Only
31.021	OD87864/2022-2023 - Arrangements of soil resistivity certificate	1.000	L.S	6214.03	6214.03	Rupees Six Thousand Two Hundred Fourteen And Three paise Only
31.022	OD87866/2022-2023 - Supplying and laying 2 core 2.5 copper ar cable for emergency push button arrangements	20.000	1 meter	191.39	3827.80	Rupees Three Thousand Eight Hundred Twenty Seven And Eighty Zero paise Only
31.023	OD87872/2022-2023 - Termination unit for emergency push button arrangements	2.000	no	142.92	285.84	Rupees Two Hundred Eighty Five And Eighty Four paise Only
31.024	OD87874/2022-2023 - Providing light wiring arrangements (Single phase) in the sub station room including supplying and fitting meter board with single phase 15A main switch, fuses etc. as per KSEB rules.	1.000	set	31070.13	31070.13	Rupees Thirty One Thousand Zero Seventy Zero And Thirteen paise Only

SI No	Description of work	No. or Qty.	Unit	Accepted Rate	TOTAL AMOUNT	TOTAL AMOUNT in words
31.025	OD87885/2022-2023 - Preparation of schematic diagram, earthing arrangements, physical layout site plan and submitting to the Electrical inspectorate for getting necessary approval and obtaining energisation sanction from the Electrical inspectorate.,Preparation of necessary drawings, submitting completion report, getting power supply from KSEB	1.000	set	42800.00	42800.00	Rupees Forty Two Thousand Eight Hundred Zero Only
31.026	OD87887/2022-2023 - Supply, Fabrication, Installation, Testing and Commissioning of Cubicle type, dust and vermin proof, floor mounted, front operated APFC Panel (250kVAR) made out of 16SWG thick CRCA sheet fully compartmentalised complete with hinged and earthed front doors with name plate, danger notice, heavy duty rubber gaskets, removable gland plates made out of 3mm thick sheet steel, switch board having a set of suitably rated TPN Aluminium Busbars with the specified current and fault level, insulated with heat shrinkable, colour coded PVC sleeves and supported using DMC/SMC pillar or finger type Busbar supports consisting of the following 630A TPN Isolator 1No Multifunction Meter 1No CT 600/5A 15VA CL-1 3Nos APFC Relay (12Way) 1No 125A 3P MCCB 2No 63A TP MCB 5Nos 40A TP MCB 2Nos 32A TP MCB 2Nos 50kVAR Capacitor Duty Contactor 2Nos 25kVAR Capacitor Duty Contactor 2Nos 20kVAR Capacitor Duty Contactor 2Nos	1.000	set	497122.00	497122.00	Rupees Four Lakh Ninety Seven Thousand One Hundred Twenty Two Only

SI No	Description of work	No. or Qty.	Unit	Accepted Rate	TOTAL AMOUNT	TOTAL AMOUNT in words
	15kVAR Capacitor Duty Contactor 3No 10kVAR Capacitor Duty Contactor 1No 5kVAR Capacitor Duty Contactor 1No 50kVAR Capacitor (APP) 2No 25kVAR Capacitor (APP) 2Nos 20kVAR Capacitor (APP) 2Nos 15kVAR Capacitor (APP) 3Nos 10kVAR Capacitor (APP) 1No 5kVAR Capacitor (APP) 1No					
<b>32</b>	<b>Supply ,erection and comisioning of 4 Nos centrifugal pump sets at Ambuvila</b>					
32.001	OD87898/2022-2023 - . Supply and erection of centrifugal pump set (Horizontal Split cage pumps) with the following specifications 1. Pump Supply, erection, testing, and commissioning of KWA pre-qualified reputed make Centrifugal pump sets with bronze/SS impeller, SS shaft, and CI pump casing with suitable type base plate with coupling, coupling guard foundation bolts& nuts, etc. completely suitable for coupling the pump and motor above the base plate, etc. complete including providing suitable foundation including the cost of cement, sand, and metal, etc. complete.  The duty condition i s a s follows  Discharge - 569.72 lps  Total Head -32m  Suction Head - 0 m  Length of suction pipe - 4.00 m  Inlet Level of O H S R - 53.000 m  Outlet Level of Pump Set - 23.000 m  Pumping main - 900 m m D I K 9 , 50.00 m   2 . Motor  Supply, erection, testing and commissioning of KWA pre qualified reputed make horizontal solid shaft foot mounted TEFC squirrel cage	4.000	set	3831894.67	15327578.68	Rupees One Core Fifty Three Lakh Twenty Seven Thousand Five Hundred Seventy Eight And Sixty Eight paise Only

SI No	Description of work	No. or Qty.	Unit	Accepted Rate	TOTAL AMOUNT	TOTAL AMOUNT in words
	<p>induction motor suitable for the above pump working 3 phase 50 Hz AC supply, working voltage 415 V. The motor shall conform to IE2/IE3(As per IS 12615-2018) including providing suitable concrete foundation including cost of cement sand and metal etc. complete. Flexible coupling shall be used for coupling of pumps and motors. &lt;br&gt;3. Starter&lt;br&gt;Supply, erection , testing and commissioning of suitable rating fully automatic starter with air break contact suitable for the above motor with over voltage and under voltage protection, single phase preventer, over load relay with motor protection relay with main contactor and bypass contactor as per CEA regulation and code of practice etc. complete.&lt;br&gt;4. Panel board (Suitable for operating two pump sets but one pump set at a time)&lt;br&gt;Supply, Design, fabrication, erection, testing and commissioning of Cubicle type, floor mounted MS fabricated dust and vermin proof common control panel board consisting of 1 No. suitable capacity ACB as incomer and 2 Nos. of suitable capacity ACB as outgoing(the two ACBs are interlocking with each other) providing suitable size aluminium bus bar to interconnect the above ACBs and fitted with 3 Nos. of indicator lamps, 1 No. volt meter with selector switch etc. complete and provided with a common earth bus for the entire panel and interconnect with the ACBs as per CEA regulation 2010 and code of practice. The panel shall be fitted on a common base frame on suitable foundation. &lt;br&gt;5. Cabling work&lt;br&gt;Supply, erection , testing and commissioning of suitable</p>					

SI No	Description of work	No. or Qty.	Unit	Accepted Rate	TOTAL AMOUNT	TOTAL AMOUNT in words
	<p>size XLPE cables for the above pump set panel board to starter and from starter to motor, considering energy conservation&amp;lt;br&amp;gt;6. Earthing&amp;lt;br&amp;gt;Supply of all materials and providing suitable earthing by using suitable size pipe or plate earthing GI/copper strip buried in ground and giving double earthing to motor, starter, panel board etc. as per IE standards.&amp;lt;br&amp;gt;7. Capacitor&amp;lt;br&amp;gt;Supply, erection , testing and commissioning of heavy duty APP capacitor for the motor to get a power factor above 0.95. The capacitor shall conform to IS 2834 &amp;lt;br &amp;gt; 8 . Valves&amp;lt;br&amp;gt;Supply of suitable size best quality heavy duty ISI marked CI double flanged sluice valve and non - return valve with suitable pressure rating. Fitting of valves shall include proper RCC support especially for non - return valves.IN case of positive suction pump set, sluice valve should be in suction as well as delivery sides for easy repair works&amp;lt;br&amp;gt;9. Suction and delivery pipe connections&amp;lt;br&amp;gt;Supply and fitting of suitable size best quality GI/M.S pipe of thickness not less than 8mm for a total length of 10m suitable for the above pump set and connecting the suction pipe and valve with suitable flanges nut &amp; bolts IR sheets etc. complete and connecting the delivery side of pump with the valves and suitable specials to connect with the pumping main.If the dia. of suction pipe is above 80mm, CI pipes and specials shall be provided. Warranty ,Total 3 year(2 year+1 year). latest KWA circular Vide No 9710/AE 15 /2021/KWA dated 8/2/2023 (Note :-There are four pump sets of same capacity- Two runs at a time to achieve the discharge and head and two</p>					

SI No	Description of work	No. or Qty.	Unit	Accepted Rate	TOTAL AMOUNT	TOTAL AMOUNT in words
	numbers standby. Rate is only for One pumpset)					
32.002	OD87964/2022-2023 - Supplying complete integrated 150KW LT VFD panel capable of operating the motor having a protection level of IP 40 or more with Integrated bypass contactor in the panel and motor protection relay having parameters as per CEA regulation with a power control MCCB and line power contactor and the stating current shall be 1.5 times the normal full load current of motor with ammeter, volt meter and phase indicator,motor protection relay with thermal o/l,short circuit,earth fault, negative sequence, under coltage,locked rotor space heaters floor mounting type and having a an insulation level of 1100V ( for 440v supply) and 7.6 KV for (3.3 KV supply) and 14.2V (for 6.6KV supply) . The standard is to be IEC 60947-4-2	4.000	no	351736.19	1406944.76	Rupees Fourteen Lakh Six Thousand Nine Hundred Forty Four And Seventy Six paise Only
32.003	OD87973/2022-2023 - Supply, Design, fabrication,erection, testing and commissioning of following Cubicle type, fully compartmentalised LT Switchboards dust tight and vermin proof, fabricated out of 16 SWG CRCA sheet, chemically treated and painted with 2 coats of primer and two coats of enamel paint of approved shade. The Switchboards should have a Set of suitably rated TPN Aluminium busbars with the specified current and fault level, Insulated with heat shrinkable, color coded PVC Sleeves and type busbar supports. The design should be as per the standards of the State Electrical & #39; Inspectorate & #39;;fabricated out of 16SWG CRCA sheet. Bottom cable entry for outgoing feeders and top busbar trunking facility for incomers. ( Market rate)&lt;br&gt;	1.000	no	62140.25	62140.25	Rupees Sixty Two Thousand One Hundred Forty Zero And Twenty Five paise Only

SI No	Description of work	No. or Qty.	Unit	Accepted Rate	TOTAL AMOUNT	TOTAL AMOUNT in words
	Busbars:  400A Aluminium Busbar with suitable ratings of SFU as incommmer and out going switches provided with over current and earth fault protection  Incomer: 400A TPN Isolator -1no.  Meters & Indicators  1No. 0-500V Voltmeter along with voltmeter Selector switch  3Nos. 2A Control fuses. - 1set.  Red, Yellow and Blue Indication Lamps 3nos, 2A Control fuses - 3set  Outgoings:  .  100A TPN SDFU with HRC fuse - 4Nos.					
32.004	OD88004/2022-2023 - Supply, laying, testing and commissioning 2 run of 3core 300 Sq.mm PVC/XLPE insulated, sheathed armoured Aluminium conductor cable (1100/11000 Volts grade) clamped on wall/ceiling with clamps and saddle clips partly laid in cable tray/partly laid in trench.  	100.000	metre	2477.05	247705.00	Rupees Two Lakh Forty Seven Thousand Seven Hundred Five Only
32.005	OD88065/2022-2023 - Supplying and fixing 32 Amps, TPN, 6 way distribution box with ISI markes HRC fuses	1.000	no	10165.00	10165.00	Rupees Ten Thousand One Hundred Sixty Five Only
32.006	OD88091/2022-2023 - Supplying, providing, testing and commissioning 900mm electro-magnetic flow meter conforming to the protection level of IP - 68 for Flow sensor and IP - 67 for transmitter or latest and having an accuracy level of 0.5% with LED/LCD Display unit. The flow meter should have the housing (flow sensor) to be made of SS 304/ Carbon Steel with anti corrosive protection and inside liner to be made up of Hard Rubber / neoprene all confirming to drinking water standards. The flow meter should be coupled with HARD for data acquisition and transfer through GSM. The manufacturers should have the calibration standards	1.000	no	499607.61	499607.61	Rupees Four Lakh Ninety Nine Thousand Six Hundred Seven And Sixty One paise Only

SI No	Description of work	No. or Qty.	Unit	Accepted Rate	TOTAL AMOUNT	TOTAL AMOUNT in words
	as per ISO 17025 and the product shall have sufficient warranty provisions.					

The above work awarded to the contractor S. Sivaprasad, AKAPS1625D, at his quoted rate for individual items at a total accepted PAC 304459316 (Thirty Crore Forty Four Lakh Fifty Nine Thousand Three Hundred and Sixteen Only) as per the condition of the contract.

