

## LETTER OF ACCEPTANCE

To,  
**Sri/Smt M/s.SAPIENT INFRA PVT LTD**  
**PAN : ABJCS1957K**

Your e-Tender No **WRD/KWA-CE(CR)/TR/15861/2022\_5\_1\_1/1** dated **01-09-2023** for the **Jal Jeevan Mission (JJM)-WSS to Nadathara Panchayat-Phase 3-Construction of 1.5 MLD Water Treatment Plant at Mulayam-Package II-General Civil Work** has been accepted for a quoted amount of **Rs. 15498038/- (Rupees One Crore Fifty Four Lakh Ninety Eight Thousand Thirty Eight 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(P H Division Thrissur),Assistant Executive Engineer(WW Sub Division Thrissur) and Assistant Engineer(Water Works Section No 1 Thrissur)**. The time allowed for executing agreement without fine will be **14 ( Fourteen)** 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. 15500/- ( Fifteen Thousand Five Hundred 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. 464941/- (Rupees Four Lakh Sixty Four Thousand Nine Hundred and Forty One only)** and should be submitted within **14 ( Fourteen)** 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. **200000 /- (Rupees Two 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 3 years experience) and Site Engineers- 2 nos (one Civil Engineering graduate and one civil diploma holder with minimum 1 year experience).**

8. The Contractor shall enter into a Contract Agreement with the Agreement Authority within 14 Fourteen 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 **3 months 1 year** from the date of handing over the site.

11. Defect Liability period will be **6 months 1 year**

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.

**Suresh P K(G45180)**  
**Superintending Engineer**

## ACCEPTED SCHEDULE

Name of Work: Jal Jeevan Mission (JJM)-WSS to Nadathara Panchayat-Phase 3-Construction of 1.5 MLD Water Treatment Plant at Mulayam-Package II-General Civil Work (DSR 2018 with Cost Index 135.59 )

SI No	Description of work	No. or Qty.	Unit	Accepted Rate	TOTAL AMOUNT	TOTAL AMOUNT in words
<b>1</b>	<b>Dismantling</b>					
1.001	OD170065/2022-2023 - Dismantling the existing items in the WTP site	1.000	L.S	200000.00	200000.00	Rupees Two Lakh Zero Zero Zero Only
<b>2</b>	<b>Construction of aerator and raw water channel</b>					
2.001	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	8.192	cum	300.00	2457.60	Rupees Two Thousand Four Hundred Fifty Seven And Sixty Zero 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	6.144	cum	527.00	3237.89	Rupees Three Thousand Two Hundred Thirty Seven And Eighty Nine paise Only
2.003	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)	5.892	cum	7500.00	44190.00	Rupees Forty Four Thousand One Hundred Ninety Zero Only
2.004	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	14.382	cum	10000.00	143820.00	Rupees One Lakh Forty Three Thousand Eight Hundred Twenty Only

SI No	Description of work	No. or Qty.	Unit	Accepted Rate	TOTAL AMOUNT	TOTAL AMOUNT in words
	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					
2.005	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	21.337	cum	11600.00	247509.20	Rupees Two Lakh Forty Seven Thousand Five Hundred Nine And Twenty Zero paise Only
2.006	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).	35.739	cum	88.00	3145.03	Rupees Three Thousand One Hundred Forty Five And Three paise Only

SI No	Description of work	No. or Qty.	Unit	Accepted Rate	TOTAL AMOUNT	TOTAL AMOUNT in words
2.007	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	3932.500	kilogram	105.00	412912.50	Rupees Four Lakh Twelve Thousand Nine Hundred Twelve And Fifty Zero paise Only
2.008	13.7.1 - 12 mm cement plaster finished with a floating coat of neat cement of mix:1:3 ( 1 cement : 3 fine sand)	188.136	sqm	402.00	75630.67	Rupees Seventy Five Thousand Six Hundred Thirty Zero And Sixty Seven paise Only
2.009	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.	45.600	sqm	1100.00	50160.00	Rupees Fifty Zero Thousand One Hundred Sixty Zero Only
2.010	100.14.4 - Conveying and laying S&S Centrifugally Cast (Spun) / Ductile Iron Pipes conforming to IS: 8329 excluding cost of pipes and specials: 250mm diameter Ductile Iron Class K-9 Pipes.	8.000	metre	165.00	1320.00	Rupees One Thousand Three Hundred Twenty Only
2.011	100.31.2.6 - 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): 250mm diameter, Class II.	1.000	no	2600.00	2600.00	Rupees Two Thousand Six Hundred Zero Only
2.012	100.98.118 - Supply of DI K9 Pipe Conforming to IS 8329/2000, 250mm Dia.	8.000	metre	3690.00	29520.00	Rupees Twenty Nine Thousand Five Hundred Twenty Only
<b>3</b>	<b>Construction of horizontal flow baffled flocculator</b>					
3.001	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	64.000	sqm	15.00	960.00	Rupees Nine Hundred Sixty Zero Only

SI No	Description of work	No. or Qty.	Unit	Accepted Rate	TOTAL AMOUNT	TOTAL AMOUNT in words
	periphery of the area cleared					
3.002	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	13.613	cum	300.00	4083.90	Rupees Four Thousand Zero Eighty Three And Ninety Zero paise Only
3.003	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)	2.516	cum	7800.00	19624.80	Rupees Nineteen Thousand Six Hundred Twenty Four And Eighty Zero 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 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	4.055	cum	10000.00	40550.00	Rupees Forty Zero Thousand Five Hundred Fifty Zero Only
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	15.760	cum	11700.00	184392.00	Rupees One Lakh Eighty Four Thousand Three Hundred Ninety Two 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 above plinth level upto floor V level					
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).	19.815	cum	88.00	1743.72	Rupees One Thousand Seven Hundred Forty Three And Seventy Two paise Only
3.007	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	2200.000	kilogram	105.00	231000.00	Rupees Two Lakh Thirty One Thousand Zero Zero Only
3.008	13.7.1 - 12 mm cement plaster finished with a floating coat of neat cement of mix:1:3 ( 1 cement : 3 fine sand)	106.195	sqm	402.00	42690.39	Rupees Forty Two Thousand Six Hundred Ninety Zero And Thirty Nine paise Only
3.009	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)	38.003	sqm	200.00	7600.60	Rupees Seven Thousand Six Hundred Zero And Sixty Zero paise Only
<b>4</b>	<b>Construction of clarifier with plate settlers</b>					
4.001	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	100.000	sqm	15.00	1500.00	Rupees One Thousand Five Hundred Zero Only



SI No	Description of work	No. or Qty.	Unit	Accepted Rate	TOTAL AMOUNT	TOTAL AMOUNT in words
	and removal of rubbish up to a distance of 50 m outside the periphery of the area cleared					
4.002	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	34.385	cum	300.00	10315.50	Rupees Ten Thousand Three Hundred Fifteen And Fifty Zero paise Only
4.003	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	34.385	cum	530.00	18224.05	Rupees Eighteen Thousand Two Hundred Twenty Four And Five paise Only
4.004	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)	9.420	cum	7800.00	73476.00	Rupees Seventy Three Thousand Four Hundred Seventy Six 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, retard setting of concrete, improve workability without impairing strength and durability as per direction of Engineer - in-charge. Note:-	14.656	cum	10000.00	146560.00	Rupees One Lakh Forty Six Thousand Five Hundred Sixty Zero Only



SI No	Description of work	No. or Qty.	Unit	Accepted Rate	TOTAL AMOUNT	TOTAL AMOUNT in words
	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	34.534	cum	11700.00	404047.80	Rupees Four Lakh Four Thousand Zero Forty Seven And Eighty Zero 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).	49.190	cum	87.00	4279.53	Rupees Four Thousand Two Hundred Seventy Nine And Fifty Three paise Only
4.008	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	5500.000	kilogram	105.00	577500.00	Rupees Five Lakh Seventy Seven Thousand Five Hundred Zero Only
4.009	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.	197.900	sqm	720.00	142488.00	Rupees One Lakh Forty Two Thousand Four Hundred Eighty Eight Only

SI No	Description of work	No. or Qty.	Unit	Accepted Rate	TOTAL AMOUNT	TOTAL AMOUNT in words
4.010	5.9.6 - Centering and shuttering including strutting, etc. and removal of form for:Columns, Pillars, Piers, Abutments, Posts and Struts	56.320	sqm	900.00	50688.00	Rupees Fifty Zero Thousand Six Hundred Eighty Eight Only
4.011	13.7.1 - 12 mm cement plaster finished with a floating coat of neat cement of mix:1:3 ( 1 cement : 3 fine sand)	124.438	sqm	402.00	50024.08	Rupees Fifty Zero Thousand Zero Twenty Four And Eight paise Only
4.012	13.7.2 - 12 mm cement plaster finished with a floating coat of neat cement of mix:1:4 ( 1 cement : 4 fine sand)	323.930	sqm	390.00	126332.70	Rupees One Lakh Twenty Six Thousand Three Hundred Thirty Two And Seventy Zero 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)	124.438	sqm	200.00	24887.60	Rupees Twenty Four Thousand Eight Hundred Eighty Seven And Sixty Zero paise Only
4.014	OD167894/2022-2023 - L.S amount for Settler plates	1.000	L.S	212997.00	212997.00	Rupees Two Lakh Twelve Thousand Nine Hundred Ninety Seven Only
<b>5</b>	<b>Construction of Filter house</b>					
5.001	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	400.000	sqm	15.00	6000.00	Rupees Six Thousand Zero Zero Only
5.002	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	48.400	cum	300.00	14520.00	Rupees Fourteen Thousand Five Hundred Twenty Only
5.003	2.9.1 - Excavation work by mechanical means (Hydraulic excavator) / manual means in foundation trenches or drains	48.400	cum	530.00	25652.00	Rupees Twenty Five Thousand Six Hundred Fifty Two Only

SI No	Description of work	No. or Qty.	Unit	Accepted Rate	TOTAL AMOUNT	TOTAL AMOUNT in words
	(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					
5.004	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)	36.454	cum	7800.00	284341.20	Rupees Two Lakh Eighty Four Thousand Three Hundred Forty One And Twenty Zero paise Only
5.005	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	25.350	cum	10000.00	253500.00	Rupees Two Lakh Fifty Three Thousand Five Hundred Zero Only
5.006	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	132.330	cum	11700.00	1548261.00	Rupees Fifteen Lakh Forty Eight Thousand Two Hundred Sixty One Only

SI No	Description of work	No. or Qty.	Unit	Accepted Rate	TOTAL AMOUNT	TOTAL AMOUNT in words
	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					
5.007	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	17564.800	kilogram	105.00	1844304.00	Rupees Eighteen Lakh Forty Four Thousand Three Hundred Four Only
5.008	5.9.1 - Centering and shuttering including strutting, etc. and removal of form for: Foundations, footings, bases of columns, etc for mass concrete	58.400	sqm	336.00	19622.40	Rupees Nineteen Thousand Six Hundred Twenty Two And Forty Zero paise Only
5.009	5.9.6 - Centering and shuttering including strutting, etc. and removal of form for: Columns, Pillars, Piers, Abutments, Posts and Struts	177.840	sqm	900.00	160056.00	Rupees One Lakh Sixty Zero Thousand Zero Fifty Six Only
5.010	5.9.5 - Centering and shuttering including strutting, etc. and removal of form for: Lintels, beams, plinth beams, girders bressumers and cantilevers	346.293	sqm	650.00	225090.45	Rupees Two Lakh Twenty Five Thousand Zero Ninety Zero And Forty Five paise Only
5.011	5.9.3 - Centering and shuttering including strutting, etc. and removal of form for: Suspended floors, roofs, landings, balconies and access platform	339.860	sqm	820.00	278685.20	Rupees Two Lakh Seventy Eight Thousand Six Hundred Eighty Five And Twenty Zero paise Only
5.012	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.	83.280	sqm	720.00	59961.60	Rupees Fifty Nine Thousand Nine Hundred Sixty One And Sixty Zero paise Only
5.013	5.9.16.1 - Centering and shuttering including strutting, etc. and removal of form for: Edges of slabs and breaks in floors and walls Under 20 cm	163.490	metre	205.00	33515.45	Rupees Thirty Three Thousand Five Hundred Fifteen And Forty Five paise

SI No	Description of work	No. or Qty.	Unit	Accepted Rate	TOTAL AMOUNT	TOTAL AMOUNT in words
	wide					Only
5.014	5.9.19 - Centering and shuttering including strutting, etc. and removal of form for:Weather shade, Chajjas, corbels etc., including edges	20.310	sqm	910.00	18482.10	Rupees Eighteen Thousand Four Hundred Eighty Two And Ten paise Only
5.015	5.9.7 - Centering and shuttering including strutting, etc. and removal of form for:Stairs, (excluding landings ) except spiral - staircases)	10.368	sqm	750.00	7776.00	Rupees Seven Thousand Seven Hundred Seventy Six Only
5.016	13.7.1 - 12 mm cement plaster finished with a floating coat of neat cement of mix:1:3 ( 1 cement : 3 fine sand)	745.391	sqm	402.00	299647.18	Rupees Two Lakh Ninety Nine Thousand Six Hundred Forty Seven And Eighteen paise Only
5.017	13.7.2 - 12 mm cement plaster finished with a floating coat of neat cement of mix:1:4 ( 1 cement : 4 fine sand)	1422.733	sqm	400.00	569093.20	Rupees Five Lakh Sixty Nine Thousand Zero Ninety Three And Twenty Zero paise Only
5.018	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)	2164.000	sqm	200.00	432800.00	Rupees Four Lakh Thirty Two Thousand Eight Hundred Zero Only
5.019	11.36 - Providing and fixing Ist quality ceramic glazed wall tiles conforming to IS : 15622 (thickness to be specified by the manufacturer), of approved make, in all colours, shades except burgundy, bottle green, black of any size as approved by Engineer -in-Charge, in skirting, risers of steps and dados, over 12 mm thick bed of cement mortar 1:3 (1 cement : 3 coarse sand) and jointing with grey cement slurry @ 3.3 kg per sqm, including pointing in white cement mixed with pigment of matching shade complete.	59.700	sqm	1220.00	72834.00	Rupees Seventy Two Thousand Eight Hundred Thirty Four Only
5.020	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,	267.150	sqm	1800.00	480870.00	Rupees Four Lakh Eighty Zero Thousand Eight Hundred Seventy Zero Only

SI No	Description of work	No. or Qty.	Unit	Accepted Rate	TOTAL AMOUNT	TOTAL AMOUNT in words
	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.					
5.021	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	23.400	sqm	3600.00	84240.00	Rupees Eighty Four Thousand Two Hundred Forty Zero Only
5.022	10.14.1.1 - Providing and fixing pressed steel door frames conforming to IS: 4351, manufactured from commercial mild steel sheet 1.60 mm thickness, including hinges, jamb, lock jamb, bead and if required angle threshold of mild steel angle of section 50x25 mm, or base ties of 1.60 mm pressed, mild steel welded or rigidly fixed together by mechanical means, including M.S. pressed butt hinges 2.5 mm thick with mortar guards, lock strike-plate and shock absorbers as specified and applying a coat of approved steel primer after pre-treatment of the surface as directed by Engineer-in-charge: Profile B Fixing with adjustable lugs with split end tail to each jamb	48.000	metre	500.00	24000.00	Rupees Twenty Four Thousand Zero Zero Only

SI No	Description of work	No. or Qty.	Unit	Accepted Rate	TOTAL AMOUNT	TOTAL AMOUNT in words
5.023	10.5.2 - Providing and fixing 1 mm thick M.S. sheet door with frame of 40x40x6 mm angle iron and 3 mm M.S. gusset plates at the junctions and corners, all necessary fittings complete, including applying a priming coat of approved steel primer.Using flats 30x6 mm for diagonal braces and central cross piece	15.120	sqm	5362.00	81073.44	Rupees Eighty One Thousand Zero Seventy Three And Forty Four paise Only
5.024	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)	394.212	kg	209.00	82390.31	Rupees Eighty Two Thousand Three Hundred Ninety Zero And Thirty One paise Only
5.025	10.30.1 - Providing & fixing glass panes with putty and glazing clips in steel doors, windows, clerestory windows all complete with :4.0 mm thick glass panes	23.250	sqm	1129.00	26249.25	Rupees Twenty Six Thousand Two Hundred Forty Nine And Twenty Five paise Only
5.026	10.12 - Extra for providing and fixing steel beading of size 10 x 10 x 1.6 mm (box type), approved shape and section with screws instead of glazing clips and metal sash putty, in steel doors, windows, ventilators and composite units.	124.000	metre	56.00	6944.00	Rupees Six Thousand Nine Hundred Forty Four Only
5.027	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	516.555	kg	198.00	102277.89	Rupees One Lakh Two Thousand Two Hundred Seventy Seven And Eighty



SI No	Description of work	No. or Qty.	Unit	Accepted Rate	TOTAL AMOUNT	TOTAL AMOUNT in words
	priming coat of approved steel primer.G.I. pipes					Nine paise Only
5.028	13.50.3 - Applying priming coat:With ready mixed red oxide zinc chromate primer of approved brand and manufacture on steel galvanised iron /steel works	73.330	sqm	63.00	4619.79	Rupees Four Thousand Six Hundred Nineteen And Seventy Nine paise Only
5.029	13.61.1 - Painting with synthetic enamel paint of approved brand and manufacture to give an even shade:Two or more coats on new work	101.320	sqm	152.00	15400.64	Rupees Fifteen Thousand Four Hundred Zero And Sixty Four paise Only
5.030	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.	8.775	cum	9079.00	79668.23	Rupees Seventy Nine Thousand Six Hundred Sixty Eight And Twenty Three paise Only
5.031	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.	11.700	cum	9079.00	106224.30	Rupees One Lakh Six Thousand Two Hundred Twenty Four And Thirty Zero paise Only
5.032	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.	14.625	cum	11500.00	168187.50	Rupees One Lakh Sixty Eight Thousand One Hundred Eighty Seven And Fifty Zero paise Only
5.033	14.72 - Providing and fixing double scaffolding system (cup lock type) on the exterior	357.000	sqm	322.00	114954.00	Rupees One Lakh Fourteen Thousand Nine

SI No	Description of work	No. or Qty.	Unit	Accepted Rate	TOTAL AMOUNT	TOTAL AMOUNT in words
	side, upto seven story hight made with 40 mm dia. M.S. tube 1.5 m centre to centre, horizontal & vertical tubes joining with cup & lock system with M.S. tubes, M.S. tube challies, M.S. clamps and M.S. staricase system in the scaffolding for working platform etc. and maintaining it in a serviceable condition for the required duration as approved and removing it there after. The scaffolding system shall be stiffened with bracings, runners, connection with the building etc wherever required for inspection of work at required location with essential safety features for the workmen etc. complete as per directions and approval of Engineer- in Charge. The elevational area of the scaffolding shall be measured for payment purpose. The payment will be made once irrespective of duration of scaffolding. Note:- This item to be used for maintenance work judicially, necessary deduction for scaffolding in the existing item to be done .					Hundred Fifty Four Only
5.034	OD167891/2022-2023 - Plumbing work for toilet	1.000	L.S	30923.00	30923.00	Rupees Thirty Zero Thousand Nine Hundred Twenty Three Only
<b>6</b>	<b>Construction of 1.00 LL capacity RCC sump</b>					
6.001	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	100.000	sqm	16.00	1600.00	Rupees One Thousand Six Hundred Zero Only
6.002	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	18.252	cum	315.00	5749.38	Rupees Five Thousand Seven Hundred Forty Nine And Thirty Eight paise Only

SI No	Description of work	No. or Qty.	Unit	Accepted Rate	TOTAL AMOUNT	TOTAL AMOUNT in words
	disposal of surplus excavated soil as directed, within a lead of 50 m.All kinds of soil					
6.003	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	27.378	cum	561.00	15359.06	Rupees Fifteen Thousand Three Hundred Fifty Nine And Six paise Only
6.004	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)	9.126	cum	7846.00	71602.60	Rupees Seventy One Thousand Six Hundred Two And Sixty Zero paise Only
6.005	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	16.875	cum	10025.00	169171.88	Rupees One Lakh Sixty Nine Thousand One Hundred Seventy One And Eighty Eight paise Only
6.006	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,	31.093	cum	11785.00	366431.01	Rupees Three Lakh Sixty Six Thousand Four Hundred Thirty One And One paise Only

SI No	Description of work	No. or Qty.	Unit	Accepted Rate	TOTAL AMOUNT	TOTAL AMOUNT in words
	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					
6.007	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).	47.968	cum	87.00	4173.22	Rupees Four Thousand One Hundred Seventy Three And Twenty Two paise Only
6.008	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	5280.000	kilogram	105.00	554400.00	Rupees Five Lakh Fifty Four Thousand Four Hundred Zero Only
6.009	5.9.1 - Centering and shuttering including strutting, etc. and removal of form for: Foundations, footings, bases of columns, etc for mass concrete	7.560	sqm	357.00	2698.92	Rupees Two Thousand Six Hundred Ninety Eight And Ninety Two paise Only
6.010	5.9.6 - Centering and shuttering including strutting, etc. and removal of form for: Columns, Pillars, Piers, Abutments, Posts and Struts	34.560	sqm	919.00	31760.64	Rupees Thirty One Thousand Seven Hundred Sixty Zero And Sixty Four paise Only
6.011	5.9.5 - Centering and shuttering including strutting, etc. and removal of form for: Lintels, beams, plinth beams, girders bressumers and cantilevers	26.880	sqm	691.00	18574.08	Rupees Eighteen Thousand Five Hundred Seventy Four And Eight paise Only
6.012	5.9.2 - Centering and	153.600	sqm	764.00	117350.40	Rupees One

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: Walls (any thickness) including attached pilasters, butresses, plinth and string courses etc.					Lakh Seventeen Thousand Three Hundred Fifty Zero And Forty Zero paise Only
6.013	5.9.3 - Centering and shuttering including strutting, etc. and removal of form for: Suspended floors, roofs, landings, balconies and access platform	47.110	sqm	868.00	40891.48	Rupees Forty Zero Thousand Eight Hundred Ninety One And Forty Eight paise Only
6.014	5.9.16.1 - Centering and shuttering including strutting, etc. and removal of form for: Edges of slabs and breaks in floors and walls Under 20 cm wide	27.600	metre	216.00	5961.60	Rupees Five Thousand Nine Hundred Sixty One And Sixty Zero paise Only
6.015	13.7.1 - 12 mm cement plaster finished with a floating coat of neat cement of mix: 1:3 ( 1 cement : 3 fine sand)	139.590	sqm	427.00	59604.93	Rupees Fifty Nine Thousand Six Hundred Four And Ninety Three paise Only
6.016	13.7.2 - 12 mm cement plaster finished with a floating coat of neat cement of mix: 1:4 ( 1 cement : 4 fine sand)	137.220	sqm	411.00	56397.42	Rupees Fifty Six Thousand Three Hundred Ninety Seven And Forty Two paise Only
6.017	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)	277.000	sqm	206.00	57062.00	Rupees Fifty Seven Thousand Zero Sixty Two Only
6.018	100.31.2.5 - 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): 200mm diameter, Class II.	2.000	no	1841.00	3682.00	Rupees Three Thousand Six Hundred Eighty Two Only
6.019	100.14.3 - Conveying and laying S&S Centrifugally Cast (Spun) / Ductile Iron Pipes conforming to IS: 8329 excluding cost of pipes and specials: 200mm diameter Ductile Iron Class K-9 Pipes.	24.000	metre	130.00	3120.00	Rupees Three Thousand One Hundred Twenty Only
6.020	OD167887/2022-2023 - Supplying ventilating cowl of reputed make with IS specification of size 150mm	2.000	L.S	2474.00	4948.00	Rupees Four Thousand Nine Hundred Forty Eight Only

SI No	Description of work	No. or Qty.	Unit	Accepted Rate	TOTAL AMOUNT	TOTAL AMOUNT in words
	dia including fixing the same over slab of the tank as per specifications					
<b>7</b>	<b>Cost of materials</b>					
7.001	100.98.485 - Supply of CI Double Flanged Sluice Valve Conforming to IS 14846 - 2000, Sluice Valve with Hand Wheel PN 1.6, Size 200mm.	2.000	no	26091.00	52182.00	Rupees Fifty Two Thousand One Hundred Eighty Two Only
7.002	OD167888/2022-2023 - Supply of 200 mm CI wall casting pipe	4.000	no	7920.00	31680.00	Rupees Thirty One Thousand Six Hundred Eighty Zero Only
7.003	100.98.117 - Supply of DI K9 Pipe Conforming to IS 8329/2000, 200mm Dia.	24.000	metre	2641.00	63384.00	Rupees Sixty Three Thousand Three Hundred Eighty Four Only
<b>8</b>	<b>Cost for mechanical items @ 10% of civil work</b>					
8.001	OD167885/2022-2023 - Provision provided for Mechanical items	12899213.1 20	L.S	0.11	1418913.44	Rupees Fourteen Lakh Eighteen Thousand Nine Hundred Thirteen And Forty Four paise Only
<b>9</b>	<b>Cost for electrical items @ 7% of civil work</b>					
9.001	OD167886/2022-2023 - Provision provided for Electrical items	12899213.1 20	L.S	0.08	1031937.05	Rupees Ten Lakh Thirty One Thousand Nine Hundred Thirty Seven And Five paise Only
<b>10</b>	<b>Renovation of tank</b>					
10.001	14.1.2 - Repairs to plaster of thickness 12 mm to 20 mm in patches of area 2.5 sq meters and under, including cutting the patch in proper shape, raking out joints and preparing and plastering the surface of the walls complete, including disposal of rubbish to the dumping ground within 50 meters lead: Cement mortar 1:4 ( 1 cement: 4 coarse sand)	171.600	sqm	530.00	90948.00	Rupees Ninety Zero Thousand Nine Hundred Forty Eight Only
10.002	13.21 - Extra for providing and mixing water proofing material in cement plaster work in proportion recommended by the manufacturers.	1267.952	kg	1.50	1901.93	Rupees One Thousand Nine Hundred One And Ninety Three paise Only

SI No	Description of work	No. or Qty.	Unit	Accepted Rate	TOTAL AMOUNT	TOTAL AMOUNT in words
10.003	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)	171.600	sqm	200.00	34320.00	Rupees Thirty Four Thousand Three Hundred Twenty Only
10.004	OD167936/2022-2023 - Supplying and fixing Surveillance mechanism including two 5MP camera with motion sensor 5MP out DVR , 1TB Hard disk , 4G SIM Router, associated cable , stabilizer, mounting unit/rack etc.	1.000	L.S	27600.00	27600.00	Rupees Twenty Seven Thousand Six Hundred Zero Only

The above work awarded to the contractor SAPIENT INFRA PVT LTD,ABJCS1957K, at his quoted rate for individual items at a total accepted PAC 15498038( One Crore Fifty Four Lakh Ninety Eight Thousand Thirty Eight Only) as per the condition of the contract.

