**Tender No:** 2025377211921 **Closing Date/Time:** 04/09/2025 10:30

**CE,Dy.CE** acting for and on behalf of The President of India invites E-Tenders against Tender No **2025377211921** Closing Date/Time 04/09/2025 10:30 Hrs. Bidders will be able to submit their original/revised bids upto closing date and time only. Manual offers are not allowed against this tender, and any such manual offer received shall be ignored.

#### 1. NIT HEADER

canteen/Shell and ETP in Sh litre/Hour) in Shell factory a in Shell factory (C) RO plant factory (D) RO plant (2,000 60KLD near officers gate in and RO plant (1,000 litres/h and Ultra filtration water tro (H) RO plant of 250 litre/ho	nell workers canteen (B) Pressure and RO industrial Plant of 200 litro t (2,000 litres/ hour) in B-shop Lo litres/ hour) in CMT building in S shell factory. (F) Common ETP in hour) in Admin/Shell (G) STP-100 eatment plant of 100 KLD for Ast ur at AWTI and RO plant of 250 li	e filter (30,000 e/hour at Spring shop ocker room in Shell hell factory (E) STP- nopp to Admin/Shell KLD near afforestation roturf Hockey ground tre/hour at TTC. (I) RO
Normal Tender		
Open	Bidding System	Single Packet System
04/09/2025 10:30	Date Time Of Uploading Tender	13/08/2025 17:02
No	Pre-Bid Conference Date Time	Not Applicable
17107117.00	Tendering Section	CIVIL
Single Rate for Each Schedule	Bidding Unit	
235500.00	Validity of Offer ( Days)	60
5000.00	Period of Completion	730 Days
Service - General	Contract Category	Expenditure
21/08/2025		•
No	Number of JV Member Allowed	0
No	Number of Consortium Member Allowed	0
Lowest to Highest	Expenditure Type	Revenue
	canteen/Shell and ETP in SI litre/Hour) in Shell factory a in Shell factory (C) RO plant factory (D) RO plant (2,000 60KLD near officers gate in and RO plant (1,000 litres/h and Ultra filtration water tro (H) RO plant of 250 litre/hour at BT for 2 years Normal Tender Open 04/09/2025 10:30  No 17107117.00 Single Rate for Each Schedule 235500.00 5000.00 Service - General 21/08/2025 No	Normal Tender  Open  Open  Bidding System  Date Time Of Uploading Tender  No  Pre-Bid Conference Date Time  17107117.00  Tendering Section  Single Rate for Each Schedule  235500.00  Validity of Offer ( Days)  5000.00  Period of Completion  Service - General  Contract Category  21/08/2025  No  Number of JV Member Allowed  Number of Consortium Member Allowed

#### 2. SCHEDULE

S.No.	Item Code	Item Qty	Qty Unit	Unit Rate	Basic Value	Escl.(%)	Amount	Bidding Unit
Schedul	<b>e</b> () A-Iten	ns not cov	ered under	DSR 202	1		17107117.00	Above/ Below/Par
	Please se	e Item Bre	eakup for de	etails.	812600.00	AT Par	812600.00	
1			plant of 25 ers canteen		ur capacity at Wo	orkers cante	en/Shell and Efflue	ent treatment
	Please se	e Item Bre	eakup for de	etails.	929689.00	AT Par	929689.00	
2	Shell fact Spring sh	ory and (	Operation a	and maint		dustrial Plai	gements (30,000 nt of 200 litre/hou 1580350.00	r capacity at
3			<u> </u>					
י			eration and op Locker r			verse osmo	sis plant arranger	nents (2,000
	Please se	e Item Bre	eakup for de	etails.	1580350.00	AT Par	1580350.00	
4					ance of Water re 00 litres/ hour) in		sis plant arranger g	ments (2,000
	Please se	e Item Bre	eakup for de	etails.	1842226.00	AT Par	1842226.00	
5	<b>Description:-</b> Operation and Maintenance of Sewage Treatment P officers gate in shell factory						Plant of capacity	60KLD near
	Please se	e Item Bre	eakup for de	etails.	940773.00	AT Par	940773.00	
6	-	•					eatment plant opporin Shell admin offi	

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11	Please see Item Breakup for details.	2287824.00	AT Par	2287824.00							
10	<b>Description:-</b> Consumable			222224							
10	Please see Item Breakup for details.	3159219.00	AT Par	3159219.00							
9	<b>Description:-</b> Operation and maintenance 250litre/hour at Apprentice hostel	<b>Description:-</b> Operation and maintenance of RO plant of 250litre/hour at BTC and RO plant of 250litre/hour at Apprentice hostel									
	Please see Item Breakup for details.	977830.00	AT Par	977830.00							
8		<b>Description:-</b> Operation and maintenance of RO plant of 250 litre/hour at AWTI and Operation and maintenance of RO plant of 250litre/hour capacity at TTC									
	Please see Item Breakup for details.	837600.00	AT Par	837600.00							
7	<b>Description:-</b> Operation and maintena and Operation and maintenance of Ul Astroturf Hockey ground										
	Please see Item Breakup for details.	2158656.00	_								

#### 3. ITEM BREAKUP

Schedule	Sched	ule A-Items not covered under DSR 2021				
Item- 1		nt of 250 litre/hour capacity at Workers canteer s canteen	n/Shell and	Effluent tr	eatment pla	ant in Shell
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	1	RO-Workers canteen/Shell 250 litre/hour - Supply of Spare parts and accessories as and when required for RO plant as per Annexture. NOTE:The replacement and refixing of defective spare parts is part of operation and maintenance contract and no separate payment will be paid. Only cost of spare parts found defective and actually replaced will be paid as per the Annexure with accepted percentage under this schedule. The amount shown under LS is only total Expenditure expected during the maintenance period and will be operated as and when required.		1.00	25000.00	25000.00
2	2	Effluent treatment plant in Shell workers canteen - Supply of Spare parts and accessories as and when required for ETP (as per Annexure) NOTE:The replacement and refixing of defective spare parts is part of operation and maintenance contract and no separate payment will be paid. Only cost of spare parts found defective and actually replaced will be paid as per the Annexure with accepted percentage under this schedule. The amount shown under LS is only total Expenditure expected during the maintenance period and will be operated as and when required.		1.00	25000.00	25000.00
3	3	Operation and maintenance works for RO plant of 250 litre/hour capacity at Workers canteen/shell and Effluent treatment plant in Shell workers canteen in 1 shift location as described including using the above chemicals and materials, with contractor's labour, tools & plant, lead, lift, etc complete.		600.00	1271.00	762600.00
					Total	812600.00
Item- 2		tion and maintenance of Pressure filter arranger tion and maintenance of RO industrial Plant of 2 /				
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount

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1	1	Painting the interior surface of filter with two coats of EPOXY paint and exterior painting including scrapping the extg paint with all contractor's materials, labour, lead, lift,		10.00	455.00	4550.00
S No.	No	Description of Item	Unit	Qty	Rate	Amount
Item- 3	shop L	tion and maintenance of Water reverse osmosis ocker room in Shell factory				
	1				Total	929689.00
		above chemicals and materials, with contractor's labour, tools & plant, lead, lift, etc complete.				
4	4	Operation and maintenance works for Pressure filter -30m3/hour and RO plant 200 litre/hour at spring shop in Shell factory in 1 shifts location as described including using the		600.00	1271.00	762600.00
3	3	RO industrial Plant of 200 litre/hour in spring shop - Supply of Spare parts and accessories as and when required for RO plant as per Annexture. NOTE:The replacement and refixing of defective spare parts is part of operation and maintenance contract and no separate payment will be paid. Only cost of spare parts found defective and actually replaced will be paid as per the Annexure with accepted percentage under this schedule. The amount shown under LS is only total Expenditure expected during the maintenance period and will be operated as and when required.		1.00	25000.00	25000.00
2	2	accessories as when required for pressure filter plant (as per Annexure) NOTE: The replacement and refixing of defective spare parts is part of operation and maintenance contract and no separate payment will be paid. Only cost of spare parts found defective and actually replaced will be paid as per the Annexure with accepted percentage under this schedule. The amount shown under LS is only total Expenditure expected during the maintenance period and will be operated as and when required.annexure.	Lumpsum	1.00		50000.00
1	1	Pressure filter-Shell - Repairs to the internal pipeline system of Pressure sand filter 30,000 litre/hour at pump house. The existing filter media should be removed and should be filled with supply of new filtration media like pebbles, cylex, mixed sand, fine sand, coarse sand & recitification of internal header, sub header pipes & distribution system. The internal (food grade epoxy) and external painting should be done duly fixing the dosing system. The Cost Quoted shall be inclusive of		1.00	92089.00	92089.00

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2	2	Supply and fixing of Spare parts and accessories as when required for RO plant (Refer Annexure) NOTE: The replacement and refixing of defective spare parts is part of operation and maintenance contract and no separate payment will be paid. Only cost of spare parts found defective and actually replaced will be paid as per the Annexure with accepted percentage under this schedule. The amount shown under LS is only total Expenditure expected during the maintenance period and will be operated as and when required.		1.00	50000.00	50000.00
3	3	Operation and maintenance of Water reverse osmosis plant arrangements (2,000 litres/hour) in B-shop Locker room in Shell factory in 2 shifts location as described including using the above chemicals and materials, with contractor's labour, tools & plant, lead, lift, etc complete.	·	600.00	2543.00	1525800.00
	Operat	tion and maintenance of Water reverse osmosis	nlant arrai	ngements	Total (2 000 litres	1580350.00 s/ hour) RO
Item- 4	Plant a	rrangements (2,000 litres/ hour) in CMT building	g		(2,000 iiii ci	
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	1	Painting the interior surface of filter with two coats of EPOXY paint and exterior painting including scrapping the extg paint with all contractor's materials, labour, lead, lift, plants, taxes, etc complete.		10.00	455.00	4550.00
2	2	Supply and fixing of Spare parts and accessories as when required for RO plant (Refer Annexure) NOTE: The replacement and refixing of defective spare parts is part of operation and maintenance contract and no separate payment will be paid. Only cost of spare parts found defective and actually replaced will be paid as per the Annexure with accepted percentage under this schedule. The amount shown under LS is only total Expenditure expected during the maintenance period and will be operated as and when required.		1.00	50000.00	50000.00
3	3	Operation and maintenance of Water reverse osmosis plant arrangements (2,000 litres/hour) in CMT building in Shell factory in 2 shifts location as described including using the above chemicals and materials, with contractor's labour, tools & plant, lead, lift, etc complete.		600.00	2543.00	1525800.00
					Total	1580350.00
Item- 5	Operates shell fa	tion and Maintenance of Sewage Treatment Plar actory	nt of capaci	ity 60KLD	near officer	s gate in
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	1	Replacement of filteration media and supply and filling of Pressure sand filter filtration media: : Pebbles (1.0"x0.75") - 100kgs, Pebbles (0.75"x0.5") - 100kgs, Pebbles (0.5"x0.25") - 100kgs, Cylex (10mm)- 50kgs, Cylex (5mm) - 50kgs, Mixed sand - 250kgs or the plant with all contractors labours, materials, lead, lift, taxes etc complete and as directed by the Engineer-in-charge at site of work		2.00	30059.00	60118.00

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2	2	Replacement of filteration media and supply and filling of Activated Carbon filter filtration media:: Pebbles (1.0"x0.75") - 100kgs, Pebbles (0.75"x0.5") - 100kgs, Pebbles (0.5"x0.25") - 100kgs, Cylex (10mm)- 60kgs, Cylex (5mm) - 60kgs, Activated Carbon - 100kgs for the plant with all contractors labours, materials, lead, lift, taxes etc complete and as directed by the Engineer-incharge at site of work		2.00	42083.00	84166.00
3	3	Replacement of filteration media and supply and filling of Sluge Drying bed filtration media Gravel (1.5"x1.0") - 2200kgs, Mixed sand - 500kgs for the plant with all contractors labour, materials, lead, lift, taxes etc complete and as directed by the Engineer-in-charge at site of work		2.00	36071.00	72142.00
4	4	Supply of Spare parts and accessories as and when required for above mensioned plant as per annexure. NOTE:The replacement and refixing of defective spare parts is part of operation and maintenance contract and no separate payment will be paid. Only cost of spare parts found defective and actually replaced will be paid as per the Annexure with accepted percentage under this schedule. The amount shown under LS is only total Expenditure expected during the maintenance period and will be operated as and when required.		1.00	100000.00	100000.00
5	5	Operation and Maintenance work for Sewage Treatment Plant of capacity 60KLD near officers gate in shell factory in 2 shift location		600.00	2543.00	1525800.00
		as described including using the above chemicals and materials, with contractor's labour, tools & plant, lead, lift, etc complete.				
		chemicals and materials, with contractor's labour, tools & plant, lead, lift, etc complete.			Total	1842226.00
Item- 6		chemicals and materials, with contractor's	ment plant		to Shell adm	
Item- 6 S No.		chemicals and materials, with contractor's labour, tools & plant, lead, lift, etc complete.  tion and maintenance of Common Effluent treat	ment plant		to Shell adm	
	Opera Item	chemicals and materials, with contractor's labour, tools & plant, lead, lift, etc complete.  tion and maintenance of Common Effluent treat ition and maintenance of RO plant of 1,000 litre/	ment plant hour in She <b>Unit</b> Set	ell admin d	to Shell adm ffice Rate	nin and
S No.	Opera Item No	chemicals and materials, with contractor's labour, tools & plant, lead, lift, etc complete.  tion and maintenance of Common Effluent treat tion and maintenance of RO plant of 1,000 litre/  Description of Item  Common ETP - Removing the existing filter media and Supply and filling of pebbles and sand of different sizes in required thickness in various layers inside the pressure sand filter capacity of 1000mm dia 2000mm height with contractor's materials, labour, lead, lift,	ment plant hour in She Unit Set	Qty	to Shell adm ffice Rate	nin and  Amount

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5	5	RO plant Shell admin 1000 litre/hour - Supply and fixing of Spare parts and accessories as when required for RO plant as per Annexture. NOTE:The replacement and refixing of defective spare parts is part of operation and maintenance contract and no separate payment will be paid. Only cost of spare parts found defective and actually replaced will be paid as per the Annexure with accepted percentage under this schedule. The amount shown under LS is only total Expenditure expected during the maintenance period and will be operated as and when required.  Operation and maintenance works for		600.00	1271.00	762600.00
3	3	Common ETP and RO plant of 1,000 litre/hour in Shell admin in 1 shift location as described including using the above chemicals and materials, with contractor's labour, tools & plant, lead, lift, etc complete.	-	000.00	Total	940773.00
Item- 7		tion and maintenance of Sewage Treatment Pla tion and maintenance of Ultra filtration water tro			orestation a	ind
S No.	Astrot Item No	urf Hockey ground  Description of Item	Unit	Qty	Rate	Amount
1	1	STP-100 KLD - Replacement of filteration media and supply and filling of Pressure sand filter filtration media: Pebbles (2.5"x2.0") - 200kgs, Pebbles (2"x1.5") - 100kgs, Pebbles (1.5"x1.0") - 100kgs, Pebbles (1"x0.75") - 100kgs, Pebbles (0.75"x0.5") - 100kgs, Cylex (10mm)- 60kgs, Cylex (5mm) - 60kgs, Mixed sand - 600kgs for the plant with all contractors labours, materials, lead, lift, taxes etc complete and as directed by the Engineer-incharge at site of work		2.00	48095.00	96190.00
2	2	STP-100 KLD - Replacement of filteration media and supply and filling of Activated Carbon filter filtration media: Pebbles (2.5"x2.0") - 200kgs, Pebbles (2"x1.5") - 100kgs, Pebbles (1.5"x1.0") - 100kgs, Pebbles (1"x0.75") - 100kgs, Pebbles (0.75"x0.5") - 100kgs, Cylex (10mm)- 60kgs, Cylex (5mm) - 60kgs, Activated Carbon - 175kgs for the plant with all contractors labours, materials, lead, lift, taxes etc complete and as directed by the Engineer-in-charge at site of work		2.00	66131.00	132262.00
3	3	STP-100 KLD - Replacement of filteration media and supply and filling of Sluge Drying bed filtration media: Gravel (1.5"x1.0") - 2200kgs, Mixed sand - 500kgs for the plant with all contractors labour, materials, lead, lift, taxes etc complete and as directed by the Engineer-in-charge at site of work		2.00	36071.00	72142.00
4	4	STP-100 KLD- Supply of Spare parts and accessories as and when required for above mensioned plant as per annexure. NOTE:The replacement and refixing of defective spare parts is part of operation and maintenance contract and no separate payment will be paid. Only cost of spare parts found defective and actually replaced will be paid as per the Annexure with accepted percentage under this schedule. The amount shown under LS is only total Expenditure expected during the maintenance period and will be operated as and when required.		1.00	100000.00	100000.00

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5						
	5	filteration media and supply and filling of filtration media: Pebbles (1"x3/4"), Pebbles (3/4"x1/2"), Cylex (10mm), Cylex (5mm), Mixed sand, Activated Carbon for the plant with all contractors labours, materials, lead, lift, taxes etc complete and as directed by the Engineer-in-charge at site of work		2.00		132262.00
6	7	Supply of Spare parts and accessories as and when required for above mensioned plant as per annexure. NOTE:The replacement and refixing of defective spare parts is part of operation and maintenance contract and no separate payment will be paid. Only cost of spare parts found defective and actually replaced will be paid as per the Annexure with accepted percentage under this schedule. The amount shown under LS is only total Expenditure expected during the maintenance period and will be operated as and when required.		1.00	100000.00	100000.00
7	8	Operation and maintenance works for Sewage Treatment Plant of 100KLD near afforestation and Ultra filtration water treatment plant of 100KLD capacity for Astroturf Hockey ground in 2 shifts including using the chemicals and materials supplied with contractor's labour, tools & plant, lead, lift, etc complete.	·	600.00	2543.00 Total	1525800.00 2158656.00
Item- 8		tion and maintenance of RO plant of 250 litre/ho	our at AWTI	and Oper		
		plant of 250litre/hour capacity at TTC  Description of Item	Unit	Otra	Data	Amount
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
<b>S No.</b>	_	RO- AWTI 250 litre/hour-Supply of Spare parts and accessories as and when required for RO plant as per Annexture. NOTE:The replacement and refixing of defective spare parts is part of operation and maintenance contract and no separate payment will be paid. Only cost of spare parts found defective and actually replaced will be paid as per the Annexure with accepted percentage under this schedule. The amount shown under LS is only total Expenditure expected during the maintenance period and will be operated as	Lumpsum	1.00	50000.00	
	No	RO- AWTI 250 litre/hour-Supply of Spare parts and accessories as and when required for RO plant as per Annexture. NOTE:The replacement and refixing of defective spare parts is part of operation and maintenance contract and no separate payment will be paid. Only cost of spare parts found defective and actually replaced will be paid as per the Annexure with accepted percentage under this schedule. The amount shown under LS is only total Expenditure expected during the	Lumpsum			
1	<b>No</b> 1	RO- AWTI 250 litre/hour-Supply of Spare parts and accessories as and when required for RO plant as per Annexture. NOTE:The replacement and refixing of defective spare parts is part of operation and maintenance contract and no separate payment will be paid. Only cost of spare parts found defective and actually replaced will be paid as per the Annexure with accepted percentage under this schedule. The amount shown under LS is only total Expenditure expected during the maintenance period and will be operated as and when required.  RO- TTC 250 litre/hour - Supply of Spare parts and accessories as and when required for RO plant as per Annexture. NOTE:The replacement and refixing of defective spare parts is part of operation and maintenance contract and no separate payment will be paid. Only cost of spare parts found defective and actually replaced will be paid as per the Annexure with accepted percentage under this schedule. The amount shown under LS is only total Expenditure expected during the maintenance period and will be operated as	Lumpsum  Lumpsum  Per Day	1.00	50000.00	50000.00

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S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	1	RO plant BTC 250 litre/hour - Supply of Spare parts and accessories as and when required for RO plant as per Annexture- NOTE:The replacement and refixing of defective spare parts is part of operation and maintenance contract and no separate payment will be paid. Only cost of spare parts found defective and actually replaced will be paid as per the Annexure with accepted percentage under this schedule. The amount shown under LS is only total Expenditure expected during the maintenance period and will be operated as and when required.		1.00	25000.00	25000.00
2	2	RO plant Apprentice hostel 250 litre/hour - Supply of Spare parts and accessories as and when required for RO plant as per Annexture. NOTE:The replacement and refixing of defective spare parts is part of operation and maintenance contract and no separate payment will be paid. Only cost of spare parts found defective and actually replaced will be paid as per the Annexure with accepted percentage under this schedule. The amount shown under LS is only total Expenditure expected during the maintenance period and will be operated as and when required.		1.00	25000.00	25000.00
3	3	Operation and maintenance works for RO plant 250 litre/hour at BTC and 250 litre/hour at Apprentice hostel in 1 shift location as described including using the above chemicals and materials, with contractor's labour, tools & plant, lead, lift, etc complete		730.00	1271.00	927830.00
	1-				Total	977830.00
S No.	Item	Description of Item	Unit	Qty	Rate	Amount
1	<b>No</b>	Supply of Chemicals such as ANTISCALENT with all contractors materials, lead, lift, taxes etc., complete and as directed by the Engineer-in-charge at site of work		1318.00	318.00	419124.00
2	2	Supply of Chemicals such as CITRIC ACID with all contractors materials, lead, lift, taxes etc., complete and as directed by the Engineer-incharge at site of work.	Kg	504.00	69.00	34776.00
3	3	Supply of Chemicals such as CAUSTIC SODA with all contractors materials, lead, lift, taxes etc., complete and as directed by the Engineer-in-charge at site of work		624.00	39.00	24336.00
4	4	Supply of Bio chemical (for Membrance cleaning)with all contractors materials, lead, lift, taxes etc., complete and as directed by the Engineer- in - charge at site of work		162.00	461.00	74682.00
5	5	Supply of Chemicals such as SODIUM META BI SULPHATE DOSING(2000 LPH RO & 1000 LPH RO) with all contractors materials, lead, lift, taxes etc., complete and as directed by the Engineer-in-charge at site of work		312.00	59.00	18408.00
6	6	Supply of Chemicals such as SODIUM HYPOCHLORIDE for the plant with all contractors materials,lead,lift,taxes etc complete and as directed by the Engineer-in-		3937.00	12.00	47244.00

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7	7	Supply of Chemicals such as Hydrochloric acid	300.00	17.00	5100.00
		for the plant with all contractors materials,lead,lift,taxes etc complete and as directed by the Engineer-in-charge at site of work			
8	8	Supply of 10 micron jumbo catridge with all contractors materials,lead, lift, taxes etc complete and as directed by the Engineer-incharge at site of work	192.00	333.00	63936.00
9	9	Supply of 5 micron jumbo catridge with all contractors materials,lead, lift, taxes etc complete and as directed by the Engineer-incharge at site of work	192.00	333.00	63936.00
10	10	Supply of 5 micron slim catridge with all contractors materials, lead, lift, taxes etc., complete and as directed by the Engineer-incharge at site of work	864.00	228.00	196992.00
11	11	Supply of Chemicals such as Diammonia phosphate with all contractors materials, lead, lift, taxes etc., complete and as directed by the Engineer-in-charge at site of work	945.00	58.00	54810.00
12	12	Supply of Urea with all contractors materials, lead, lift, taxes etc., complete and as directed by the Engineer-in-charge at site of work	945.00	49.00	46305.00
13	13	Supply of COW dung with all contractors materials,lead, lift, taxes etc complete and as directed by the Engineer-in-charge at site of work	120.00	200.00	24000.00
14	14	Supply of Chemicals such as Poly electrolite for the plant with all contractors materials,lead,lift,taxes etc complete and as directed by the Engineer-in-charge at site of work	110.00	376.00	41360.00
15	15	Supply of bag type catridge with all contractors materials,lead, lift, taxes etc complete and as directed by the Engineer-incharge at site of work	24.00	1804.00	43296.00
16	16	Supply of Hydrated lime with all contractors materials, lead, lift, taxes etc., complete and as directed by the Engineer-in-charge at site of work	19800.00	9.00	178200.00
17	17	Replacement of existing 4" RO membrane and supply of 4" RO membrane with all contractors materials,lead, lift, taxes etc complete and as directed by the Engineer-in-charge at site of work. This item is applicable for 250 LPH/500 LPH RO plants	24.00	15792.00	379008.00
18	18	Removing of existing 8" RO membrane, supply and fixing of 8" dia x 40" long RO membrane with all contractors materials, lead, lift, taxes etc., complete and as directed by the Engineer-in-charge at site of work	28.00	34607.00	968996.00
19	19	Removing the existing filter media and Supply and filling of pebbles and sand of different sizes in required thickness in various layers inside the pressure sand filter for 200/250/500/1000 litre/hour plant with out damaging the plant, pipe lines and other accessories and leading the removed media up to 2 km . The rate quoted shall be inclusive of contractor's materials, labour, lead, lift, transport, taxes etc, complete.	18.00	6291.00	113238.00

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20	20	Demoving the existing filter was the and C	Cot 1	12.00	0424.00	112172.00
20		Removing the existing filter media and Supply and filling of Carbon media for activated carbon filter for 200/250/500 litre/hour plant with out damaging the plant, pipe lines and other accessories and leading the removed media up to 2 km. The rate quoted shall be inclusive of contractor's materials, labour, lead, lift, transport, taxes etc, complete.		12.00		
21	21	Removing the existing media and Supply and filling of carbon media IV 900 for activated carbon filter of 500mm dia 1500mm height for 1,000 litre/hour plant without damaging the plant, pipelines and other accessories and leading the removed media upto 2km. The rate quoted shall be inclusive of contractors materials, labour,lead, lift,transport,taxes etc., complete		6.00	11063.00	66378.00
22	22	Removing the existing filter media and Supply and filling of Resin for softner filter for all RO plant plant with out damaging the plant, pipe lines and other accessories and leading the removed media up to 2 km. The rate quoted shall be inclusive of contractor's materials, labour, lead, lift, transport, taxes etc, complete.		13.00	13994.00	181922.00
					Total	3159219.00
Item- 11				_	_	l _
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	1	Testing charges for water before treatment like Physical and Chemical parameters, as per 10500 - 2012 parameters prescribed by relevant IS code for drinking water.		216.00	1986.00	428976.00
2	2	Testing charges for water before treatment for Micro-biological analysis like T.Coliform and E.Coli, as per 10500 - 2012 parameters prescribed by relevant IS code for drinking water.		216.00	1986.00	428976.00
3	3	Testing charges for water after treatment like Micro-biological analysis - Packaged drinking water as per 10500-2012 parameters prescribed by relevant IS code for drinking water .		216.00	1986.00	428976.00
4	4	Testing charges for effluent analysis reports before treatment for the parameters prescribed by TNPCB		48.00	3508.00	168384.00
5	5	Testing charges for effluent analysis reports after treatment for the parameters prescribed by TNPCB		48.00	3508.00	168384.00
6	6	Testing charges for sewage samples after treatment like Physical and Chemical parameters like TSS, pH, BOD, COD, TDS, Chloride, Sulphates, Oil & Grease, etc.,		48.00	3906.00	187488.00
		prescribed by CMWSSB/TNPCB /relevant IS code for sewage water .				
7	7	prescribed by CMWSSB/TNPCB /relevant IS	Each	240.00	1986.00	476640.00

#### 4. ELIGIBILITY CONDITIONS

### **Special Financial Criteria**

S.No.	Description	Confirmation	Remarks	Documents
		Required	Allowed	Uploading

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_	The tenderer must have received contractual payments in the previous three financial years and the current financial year upto the date of opening of tender, at least 150% of the advertised value of the tender. The tenderers shall submit Certificates to this effect which may be an attested Certificate from the concerned department / client and/or Audited Balance Sheet duly certified by the Chartered Accountant etc.	No	No	Allowed (Mandatory)
2	T2-Liquidity:- The bidder should have access to or has available liquid assests, lines of credit and other financial means to meet cash flow that is valued at 5% of the estimated bid value net of applicant's commitments for other contracts. The audited balance sheet and or banking reference certified by chartered accountant with her stamp, signature and membership number shall be submitted by the bidder along with bid.	No	No	Allowed (Mandatory)

### **Special Technical Criteria**

S No	Description	Confirmation	Romarks	Documents
5.140.	Description	Required		Uploading
1	As a proof of Technical experience/competence. The tenderer should have completed successfully in the (#) last three financial years (i.e. current year and three previous financial years)- At least one similar single work, for a minimum value of 35% of advertised value of work. Note: a.Work executed in own name / Company name in whose name the tender is offered, only can be considered towards technical eligibility criteria. b.The turnover in the own name/ company name, in whose name the tender is offered, only can be considered towards financial eligibility criteria. c.Consortium / firms /MOUs / sister concerns are not eligible to participate in this tender. d.The work done for considering technical eligibility criteria (Similar nature of work) for State/ Central Govt. / PSU/Public Limited companies only shall be considered. Work done for Private Individuals shall not be considered. Certificate from public listed company/private company/Trusts having annual turnover of Rs. 500 cr and above being issued from their head office by person of the company duly enclosing his authorization by the Management for issuing such credentials.	No	No	Allowed (Mandatory)
1.1	Defination of Similar Work :- Maintenance of water treatment (or) Water recycling plant (or) Sewage treatment Plant (or) Effluent treatment plant.	No	No	Not Allowed
2	Weightage-20% Technical Criteria:- Previous work Done- The bidder shall submit documents related to completed/ on-going similar service contracts during the last three previous financial year and the current financial year along with the details of payments received and percentage penalties imposed therein, to classify the completed / on-going similar service contracts in the following categories: 1) Payment received more than or equal to 80% or 50% or 49% of the current advertised bid value and percentage penalties imposed therein. Documentation: Certificate from client firm authorizing payment received along with percentage penalties imposed, contract wise for completed / on-going similar service contracts with satisfactory performance. Scoring:-Scoring Method: For each completed / on-going similar service contracts with satisfactory Performance shall be as under: (a)100 Marks if the bidder has completed or received payment as under: 1 Project > 80% 2 Projects > 50% or 3 or more projects > 40% of the advertised value of the bid (b)50 Marks if the bidder has completed or received payment as under: 1 Project > 50% or 2 Projects > 40% of the advertised value of the bid. (c) 20 Marks if the bidder has completed or received payment as under: 1 Project > 40% value completed No marks if all projects < 40% value completed. Deduction for Percentage penalty imposed in the respective completed / on-going similar service contracts: The Score of each completed / on-going similar service contracts with satisfactory performance shall be reduced by a percentage equal to the percentage penalty imposed in respective contract. No reduction for percentage penalty is more than 20% of contract value shall not be considered for calculation of scores for this purpose.	No	No	Allowed (Mandatory)
2.1	Defination of Similar Work :- Maintenance of water treatment (or) Water recycling plant (or) Sewage treatment Plant (or) Effluent treatment plant.	No	No	Not Allowed

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3	Weightage-35% Technical criteria- Turnover (in last three and current Financial year) (Less than 1.5 times the value of work is not eligible). Documentation-As per Audited balance sheet certified by the CA. Scoring- (a) 100 Marks - More than 25 times advertised value of work (b) 70 marks - 10 - 25 times advertised value of work (c) 50 marks - 5 - 10 times advertised value of work. (d) 30 marks 1.5 - 5 times advertised value of work.	No	No	Allowed (Mandatory)
3.1	Defination of Similar Work :- Maintenance of water treatment (or) Water recycling plant (or) Sewage treatment Plant (or) Effluent treatment plant.	No	No	Not Allowed
4	Weightage-20% Technical criteria - Number of years in operations (Firms having less than 1 year of experience are not eligible). Documentation: Company establishment certificate and company's work order copy / agreement copy / completion certificate etc. as proof of operation. Years shall be counted from the date of agreement of the work. Scoring- (a) 100 marks more than 8 years. (b) 80 marks 5 - 8 years (c) 60 marks 2- 5 years (d) 40 Marks 1-2 years	No	No	Allowed (Mandatory)
4.1	Defination of Similar Work :- Maintenance of water treatment (or) Water recycling plant (or) Sewage treatment Plant (or) Effluent treatment plant.	No	No	Not Allowed
5	Weightage-25% Technical criteia:- Size of Workforce- The Bidder must have a minimum number of personnel (as defined by Railway Administration) on the organization's pay roll. Documentation: EPFO challan / bank account statement in support of available manpower (duly submitted to EPFO) in respect of the previous four quarters preceding the date of opening of Bid should be submitted in support of their qualification. Scoring: (a) 100 marks if the Bidder's workforce on roll is greater than 3 times of the total workforce required in this Bid. (b) 70 marks if workforce on roll is equal to or up to 3 times the total workforce required in this Bid.( c) No marks if workforce on roll deployed is less than the total workforce required in this Bid. Minimum work force required for this work-10nos.	No	No	Allowed (Mandatory)
5.1	Defination of Similar Work :- Maintenance of water treatment (or) Water recycling plant (or) Sewage treatment Plant (or) Effluent treatment plant.		No	Not Allowed
6	Note: The total qualifying marks combining all the above weightage should be 20 marks	No	No	Allowed (Mandatory)
6.1	Defination of Similar Work :- Maintenance of water treatment (or) Water recycling plant (or) Sewage treatment Plant (or) Effluent treatment plant.	No	No	Not Allowed

### Bidders shall confirm and certify on the behalf of the tenderer including its constituents as under:

S.No.	Description
1	I/we the tenderer (s) am/are signing this document after carefully reading the contents.
2	I/We the tenderer(s) also accept all the conditions of the tender and have signed all the pages in confirmation thereof.
3	I/we hereby declare that I/we have downloaded the tender documents from Indian Railway website www.ireps.gov.in . I/we have verified the content of the document from the website and there is no addition, no deletion or no alteration to the content of the tender document. In case of any discrepancy noticed at any stage i.e. evaluation of tenders, execution of work or final payment of the contract, the master copy available with the railway Administration shall be final and binding upon me/us.
4	I/we declare and certify that I/we have not made any misleading or false representation in the forms, statements and attachments in proof of the qualification requirements.
5	I/We also understand that my/our offer will be evaluated based on the documents/credentials submitted along with the offer and same shall be binding upon me/us.
6	I/We declare that the information and documents submitted along with the tender by me/us are correct and I/we are fully responsible for the correctness of the information and documents, submitted by us.
7	I/we certify that I/we the tenderer(s) is/are not blacklisted or debarred by Railways or any other Ministry / Department of Govt. of India from participation in tender on the date of submission of bids, either in individual capacity or as a HUF/ member of the partnership firm/LLP/JV/Society/Trust.
8	I/we understand that if the contents of the certificate submitted by us are found to be forged/false at any time during process for evaluation of tenders, it shall lead to forfeiture of the Bid Security and may also lead to any other action provided in the contract including banning of business for a period of upto two year. Further, I/we and all my/our constituents understand that my/our offer shall be summarily rejected.
9	I/we also understand that if the contents of the certificate submitted by us are found to be false/forged at any time after the award of the contract, it will lead to termination of the contract, along with forfeiture of Bid Security/Security Deposit and Performance guarantee and may also lead to any other action provided in the contract including banning of business for a period of upto two year.

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l/We have read the clause regarding restriction on procurement from a bidder of a country which shares a land border with India and certify that I am/We are not from such a country or, if from such a country, have been registered with the competent Authority. I/We hereby certify that I/we fulfil all the requirements in this regard and am/are eligible to be considered (evidence of valid registration by the competent authority is enclosed)

### Partnership firm/Joint Venture (JV) / Hindu Undivided Family (HUF) / Limited Liability Partnership (LLP) etc.

S.No	. Description
	Partnership firm/Joint Venture (JV) / Hindu Undivided Family (HUF) / Limited Liability Partnership
	(LLP) etc. Please submit a certificate in the prescribed format (please download the format from the link given
1	below). Non submission of the certificate, or submission of certificate either not properly filled in, or in a format
	other than the prescribed format shall lead to summary rejection of your offer.
	( Click here to download the Format of Self Certification)

#### 5. COMPLIANCE

#### **Commercial-Compliance**

S.	No.		Confirmation Required		Documents Uploading
1		Please enter the percentage of local content in the material being offered. Please enter 0 for fully imported items, and 100 for fully indigenous items. The definition and calculation of local content shall be in accordance with the Make in India policy as incorporated in the tender conditions.	No	IVac	Allowed (Optional)

#### **Special Conditions**

S.No.	•	Confirmation Required		Documents Uploading
1	SPECIAL CONDITION FOR GST-•The details of supply of Goods & Services are subject to GST rules applicable with effect from 01.07.2017.		No	Not Allowed
2	Special Conditions for GST-All the Tenderers are requested to submit their "GSTIN" registration numbers at the time of tendering or at the time of submitting their invoice without which, payment will not be made.		No	Not Allowed
3	The materials should be supplied as per the approved make list mentioned in the tender document	No	No	Not Allowed

#### **Technical-Compliances**

S.No.	Description	Confirmation Required		Documents Uploading
1	Please furnish Statement of works on hand	Yes	No	Allowed (Mandatory)
2	Please furnish list of plant and Machinery available on hand own and proposed to be inducted own and hired to be given separately for the subject work.		No	Allowed (Mandatory)
3	Please furnish list of personal, organization available on hand and proposed tobe engaged for the subject work.	Yes	No	Allowed (Mandatory)
4	Please furnish list of Works completed in last three financial years giving Description of Work, Organization for whom executed, approximate value of contract at time of award, Date of award and Date of Completion. Date of actual Start, Actual Completion and Final value of Contract	Yes	No	Allowed (Mandatory)
5	All documents related to Partnership deed/Joint venture/ Consortium/ MOU, duly signed by the notary public, should be uploaded at the time of submission of bid failing which offer will be summarily rejected.	Yes	Yes	Allowed (Mandatory)

### **Undertakings**

				Documents Uploading
1	I/ We have visited the works site and I / We am / are aware of the site conditions.	No	No	Not Allowed

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2	I/We have read the various conditions to tender attached hereto and agree to abide by the said conditions	No	No	Not Allowed
3	Until a formal agreement is prepared and executed, acceptance of this tender shall constitute a binding contract between us subject to modifications, as may be mutually agreed to between us and indicated in the letter of acceptance of my/our offer for this work.		No	Not Allowed
4	I/We also hereby agree to abide by the Indian Railways Standard General Conditions Of Contract, with all correction slips upto the date of tender opening and to carry out the work according to the Special Conditions of Contract and Specifications of materials and works as laid down by Railway in the annexed Special Conditions/Specifications, Schedule of Rates with all correction slips up to date for the present contract.	No	No	Not Allowed
5	I/We offer to do the work for Indian Railways, at the rates quoted in the attached schedule and hereby bind myself/ourselves to complete the work in all respects within the period of completion stipulated in the tender document, from the date of issue of letter of acceptance of the tender. The amount as stipulated in the tender document is herewith forwarded as Earnest Money. Full value of the earnest Money shall stand forfeited without prejudice to any other right or remedies in case my/our Tender is accepted and if: (a)I/We do not execute the contract documents as stipulated in performance guarantee clause of GCC as detailed in general instructions. (b)I/We do not commence the work within seven days after receipt of orders to that effect.	No	No	Not Allowed
6	I/We hereby Confirm that the rates, rebates and/or other financial terms, if any, quoted by us in the relevant fields of the Financial Bid page will only be the ruling terms for deciding the inter-se ranking, and any such condition having financial repercussions, if quoted by us anywhere else including attached documents shall not be considered for deciding inter-se ranking. However, Railways shall have the right to incorporate any such condition quoted by us, in the contract, at their discretion, if contract is placed on us.	No	No	Not Allowed
7	I/We have read the various conditions attached/ referred to in this tender document, and agree to abide by the said conditions.		No	Not Allowed
8	I/We also agree to keep this tender open for acceptance for a period as mentioned in the tender document	No	No	Not Allowed
9	This tender complies with Public Procurement Policy Order -2017 dated 15.06.17	No	No	Not Allowed
10	The salaries / wages to your staff /workers/ labourers should be disbursed only through Banks and the proof for the same ie. The Bank pass books in the name of your staff / workers/ labourers should be submitted to this office for verification. This arrangement should be done with immediate effect.	No	No	Not Allowed
11	I/We agreed to supply the materials as per the makes specified under "Civil Engineering materials makes list"		No	Not Allowed
12	I agree to supply the material as per the approved make list mentioned in the tender document.	No	No	Not Allowed

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13	A.Contractor is to abide by the provisions of Payment of Wages act & Minimum Wages act in terms of clause 54 and 55 of Indian Railways General Condition of Contract. In order to ensure the same, an application has been developed and hosted on website 'www.shramikkalyan.indianrailways.gov.in' . Contractor shall register his firm/Company etc. and upload requisite details of labour and their payment in this portal. These details shall be available in public domain. The Registration / Updation of portal shall be done as under: (a) Contractor shall apply for onetime registration of his company/firm etc. in the shramikkalyan portal with requisite details subsequent to issue of Letter of Acceptance. Engineer shall approve the contractor's registration on the portal within 7 days of receipt of such request. (b) Contractor once approved by any Engineer, can create password with Login ID (PAN No.) for subsequent use of Portal for all LoAs issued in his favour. (c) The contractor once registered on the portal, shall provide details of his Letter of Acceptances (LoA) / Contract Agreements on shramikkalyan portal within 15 days of issue of any LoA for approval of concerned engineer. Engineer shall update (if required) and approve the details of LoA filled by contractor within 7 days of receipt of such request. (d) After approval of LoA by Engineer, contractor shall fill the salient details of contract labours engaged in the contract and ensure updating of each wage payment to them on shramikkalyan portal on monthly basis. (e) It shall be mandatory upon the contractor to ensure correct and prompt uploading of all salient details of engaged contractual labour& payments made thereof after each wage period. B. While processing payment of any 'On account bill' or 'Final bill' or release of 'Advances' or 'Performance Guarantee / Security Deposit', contractor shall submit a certificate to the Engineer or Engineer's representatives that "I have uploaded the correct details of contract labours engaged in connection with this contrac	No	No	Not Allowed
14	I have understood that there is an option to take payment through Letter of credit from Indian Railways	No	No	Not Allowed
15	I/We agree to engage police verified labourers/employees and if any new person to be engaged I/we will submit proof of police verification application for issuing temporary permission. I/We will ensure to arrange police verification report within permissible period i.e one month for person from Tamilnadu and 3 months for persons from other states.	No	No	Not Allowed
16	I agree to execute work/part of the work in any location in ICF estate as directed by the Engineer-in-charge as per the requirements of Railways. No claim for extra payment will be made on this account.	No	No	Not Allowed

#### Custom

S.No.		Confirmation Required		Documents Uploading
1	All the labourers should be in distinctive uniform while executing the work at site. failing which, the labourers will not be allowed to work.		Yes	Not Allowed
2	The contractor should ensure to engage police verified labourers/employees if any person to be engaged by contractor he has to submit proof of police verification application for issuing temporary permission like present permit system. However, contractor has to arrange police verification report within permissible period i.e one month for person from Tamilnadu and 3 months for persons from other states.	Yes	Yes	Not Allowed
	If required, the subject work/part of the work has to be executed in any location in ICF estate as directed by the Engineer-incharge as per the requirements of Railways. No extra payment will be made on this account.		No	Not Allowed

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#### 6. Documents attached with tender

S.No.	Document Name	Document Description	
1	Conservancycharges.pdf	Conservancy Charges	
2	service-GCC-26-50-min.pdf	GCC Service Part-II	
3	jpo_1.pdf	Electrical JPO	
4	CompleteBiddocument_compressed.pdf	Bid document	
5	gccwithcorrectionslips.pdf	GCC with correction slips	
6	Additionalsafetyaspects.pdf	Additional safety aspects	
7	service-GCC-76-103-min.pdf	GCC Service Part-IV	
8	service-GCC-1-25-min_1.pdf	GCC Service Part-I	
9	service-GCC-51-75-min.pdf	GCC Service Part-III	
10	SparepartsROrevised.pdf	Spare parts RO Revised	
11	SparepartsSTPrevised.pdf	Spare parts STP revised	
12	Sparepartsultrafiltrationrevised.pdf	spare parts ultrafiltration revised	
13	sparepartsPressurefilterrevised.pdf	sparepartspressurefilter	
14	penaltyclauseforallplants.pdf	peanltyclauserevised	
15	Specialcondition-ROplantrevised.pdf	splconditionsROplant revised	
16	Special_Conditions_STPRevised.pdf	specialconditionSTPrevised	
17	Specialconditions-ETPCanteenETP.pdf	specialconditionsETPrevised	
18	$Special\_Conditions\_Pressure filter and Ultra filtration revised.pdf$	specialconditionpressurefilterrevis	
19	scopeofworkrevised.pdf	scope of work revised	
20	SparepartsCommomETPcanteenETPRevised.pdf	Spare parts ETP revised	
21	Breakupofconsumables1240.pdf	breakup of consumables revised	

This tender complies with Public Procurement Policy (Make in India) Order 2017, dated 15/06/2017, issued by Department of Industrial Promotion and Policy, Ministry of Commerce, circulated vide Railway Board letter no. 2015/RS(G)/779/5 dated 03/08/2017 and 27/12/2017 and amendments/ revisions thereof.

As a Tender Inviting Authority, the undersigned has ensured that the issue of this tender does not violate provisions of GFR regarding procurement through GeM.

Signed By: SELVARAJ V

**Designation:** Dy.CEICF

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