



Superintending Engineer

Water Supply & Sanitation, Circle,

Nabha Road Patiala

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Allotment Letter

To.

M/s KNK-JWIL JV
SCF-22, 1st floor Sector 11
DLF Market Faridabad (Haryana)India
121006.

No. 5854 Date 27-7-2020

Subject:-

Allotment Letter for the work: (I) Design and Build Drinking Water Supply System Based on Surface Water to Supply Treated Water to various villages of District Patiala & Fatehgarh Sahib, State of Punjab (India)

(II) Operation & Maintenance of the same Water Supply System for a period of 120 Months

Under PRWSSIP/NRDWP/NWQSM
Amount 384,03,55,000/-
(INR Three Hundred Eighty Four Crore
Three Lakh & Fifty Five Thousand Only)
Design Build Cost = INR 318,00,00,000/-
O&M Cost = INR 66,03,55,000/-

Ref:- Your Tender Dated 13-03-2020

Your tender dated 13-03-2020 has been approved by Committee of Chief Engineers, Department of Water Supply and Sanitation Punjab on dated 22-06-2020 and NOC issued by World Bank through STEP on 15-06-2020, approval is hereby accorded to allot the work to you on the following terms and conditions and strict observance of financial regularities:-

Sub Activity No.	Description of Activity	Awarded Rates (INR)	
		In Figures	In Words
Activity:- 1- Design Services			
1.1	GPS ground control survey for verifying the authenticity of AutoCAD based maps / information provided by DWSS, sub-soil investigations for design and estimation and chemical testing of raw water quality		
	WTP Site Mandouli	1,50,00,000/-	One Crore Fifty Lakh Only
	WTP Site Pabra	75,00,000/-	Seventy Five Lakh Only
	WTP Site Nanowal	75,00,000/-	Seventy Five Lakh Only
	Sub Total (Sub Activity 1.1)	3,00,00,000/-	Three Crore Only
1.2	Preparation of design report for all works specified for the complete Water Supply System		
	WTP Site Mandouli	1,00,00,000/-	One Crore Only
	WTP Site Pabra	50,00,000/-	Fifty Lakh Only
	WTP Site Nanowal	50,00,000/-	Fifty Lakh Only
	Sub Total (Sub Activity 1.2)	20,00,000/-	Two Crore Only
1.3	Preparation of detailed design and drawings including technical specification of all works according to approved design report and placing them on GIS		
	WTP Site Mandouli	43,00,000/-	Forty Three Lakh Only
	WTP Site Pabra	68,00,000/-	Sixty Eight Lakh Only
	WTP Site Nanowal	68,00,000/-	Sixty Eight Lakh Only
	Sub Total (Sub Activity 1.3)	1,79,00,000/-	One Crore Seventy Nine Lakh Only



Sub Activity No.	Description of Activity	Awarded Rates (INR)	
		In Figures	In Words
1.4	Provisional sum for establishment of Project Office at each WTP with complete office amenities to support project execution, drinking water and sanitation facilities, material stacking area, equipment holding area, vehicle parking lot, repair shed for entire duration of contract as per specifications of Labour Department and ESMP. The locations and design shall be submitted to and approved by Employer.		
	WTP Site Mandouli		Nil
	WTP Site Pabra		Nil
	WTP Site Nanowal		Nil
	Sub Total (Sub Activity 1.4)		Nil
1.5	Provisional sum for establishment of temporary labour camps along transmission line network , with living arrangement, drinking water and sanitation facilities, cooking arrangement, mosquito net, waste bin, material stacking, etc., for duration of work at respective sites as per specifications of Labour Department and ESMP. Each camp shall have separate provisions for male and female labour. The locations and design shall be submitted to and approved by Employer		
	WTP Site Mandouli		Nil
	WTP Site Pabra		Nil
	WTP Site Nanowal		Nil
	Sub Total (Sub Activity 1.5)		Nil



Sub Activity No.	Description of Activity	Awarded Rates (INR)	
		In Figures	In Words
1.6	Provisional sum for implementation and updation of EIA, ESHS-MSIP and development and implementation of Communication Plan for IEC of communities affected due to project activities (construction, disruption of services, traffic regulations, etc.) in accordance with Code of Conduct as submitted to and approved by the Employer		
	WTP Site Mandouli		Nil
	WTP Site Pabra		Nil
	WTP Site Nanowal		Nil
	Sub Total (Sub Activity 1.6)		Nil
1.7	Establish baseline for Ambient Air Quality Monitoring for PM10, PM2.5, NO2, SO2, CO as per the method defined in Section VII- ESHS-MSIP. Air Quality monitoring 2 locations at each WTP/ Head Works (i.e. at windward side and leeward side), 1 location at each raw water tapping point and 15 locations (Mandouli- 7 Nos, Pabra – 5 Nos. & Nanowal- 3 Nos) along the transmission line mutually agreed by contractor and employer's representative). Monitoring done as per CPCB guidelines and from CPCB accredited labs. The locations and design shall be submitted to and approved by the Employer.		
	WTP Site Mandouli	4,00,000/-	Four Lakh Only
	WTP Site Pabra	4,00,000/-	Four Lakh Only
	WTP Site Nanowal	4,00,000/-	Four Lakh Only
	Sub Total (Sub Activity 1.7)	12,00,000/-	Twelve Lakh Only



Sub Activity No.	Description of Activity	Awarded Rates (INR)	
		In Figures	In Words
1.8	Establish baseline for Noise Quality Monitoring 1 location at each WTP/ Head Works, 1 location at each raw water tapping point and 15 Nos. locations (Mandouli- 7 Nos, Pabra – 5 Nos. & Nanowal- 3 Nos) along the transmission line (locations mutually agreed by contractor and employer's representative). Monitoring done as per CPCB guidelines and from CPCB accredited labs. The locations and design shall be submitted to and approved by the Employer.		
	WTP Site Mandouli	2,00,000/-	Two Lakh Only
	WTP Site Pabra	2,00,000/-	Two Lakh Only
	WTP Site Nanowal	2,00,000/-	Two Lakh Only
	Sub Total (Sub Activity 1.8)	6,00,000/-	Six Lakh Only
1.9	Provisional Sum for payment towards Statutory permits/clearances which are to be taken by contractor as per Section VII- ESHS-MSIP		
	WTP Site Mandouli		Nil
	WTP Site Pabra		Nil
	WTP Site Nanowal		Nil
	Sub Total (Sub Activity 1.9)		Nil
1.10	Any additional items of work, goods and services to implement as per the ESHS-MSIP, except the items already covered above.		
	WTP Site Mandouli	1,00,000/-	One Lakh Only
	WTP Site Pabra	1,00,000/-	One Lakh Only
	WTP Site Nanowal	1,00,000/-	One Lakh Only
	Sub Total (Sub Activity 1.10)	3,00,000/-	Three Lakh Only



Sub Activity No.	Description of Activity	Awarded Rates (INR)	
		In Figures	In Words
	Activity : H1		
	WTP Site Mandouli	3,00,00,000/-	Three Crore Only
	WTP Site Pabra	2,00,00,000/-	Two Crore Only
	WTP Site Nanowal	2,00,00,000/-	Two Crore Only
	Total of Activity 1 (Total of Sub Activity 1.1 to 1.10)	7,00,00,000/-	Seven Crore Only
Activity:- 2- RAW WATER SYSTEM: Construction and commissioning of Raw Water intake System, Raw Water pumping station with power systems, Rising Main etc upto WTP from source. Providing, Installation and commissioning Gen set & Sub Station system including transformer etc for Raw Water, WTP and clear water Transmission systems.			
2.1	Construction of Off-take chambers of the required sizes at the canal tapping points, Raw water gravity mains of required size sfrom off-take chambers to Under Ground Sumps(UGS), in conformity with relevant BIS Code of Practices with latest amendments & current at the time of execution and following the norms etc.as prescribed by the Department of Water Resources, Punjab/ Competent Authority, all complete		
	WTP Site Mandouli	15,00,000/-	Fifteen Lakh Only
	WTP Site Pabra	15,00,000/-	Fifteen Lakh Only
	WTP Site Nanowal	15,00,000/-	Fifteen Lakh Only
	Sub Total (Sub Activity 2.1)	45,00,000/-	Forty Five Lakh Only



Sub Activity No.	Description of Activity	Awarded Rates (INR)	
		In Figures	In Words
2.2	Providing and installation of Raw water pumping machinery with Variable frequency drive panel of appropriate capacity (with minimum 50% machinery as standby extra than required capacity) with variable frequency drive where required, for Raw water pumping including foundation works, electrical and other installation works, providing all necessary suction/delivery piping arrangement with control valves & specials, arrangement for priming pumps with standby provision, priming water tank with staging & required Pipes & specials etc.(common priming arrangement for all he pumps for different route). Furnishing the Manufacturer's test certificate & characteristic performance curve of the pumps, all complete, All pumps, electrical drive motors & other appurtenances shall be of reputed make & conforming to BIS Specification and other regulatory norms, current at the time of design and execution.		
	WTP Site Mandouli	75,00,000/-	Seventy Five Lakh Only
	WTP Site Pabra	75,00,000/-	Seventy Five Lakh Only
	WTP Site Nanowal	20,00,000/-	Twenty Lakh Only
	Sub Total (Sub Activity 2.2)	1,70,00,000/-	One Crore Seventy Lakh Only



Sub Activity No.	Description of Activity	Awarded Rates (INR)	
		In Figures	In Words
2.3	Providing, Installing and Commissioning of Sub Station systems with necessary Transformers, capacitors etc., to meet demand of all electrical systems' capacity to run Raw Water Pumping Machinery, Water Treatment Plants, Clear Water Pumping Machinery and other electrical accessories within the premises of Raw Water Sump area and WTP area including meter room as per requirement of PSPCL, connecting electric cables, HT panel etc., suitable protection and all other works contingent there to complete in all respect. In case, intermediate pumping is proposed by the bidder at other than WTP site, then the rate for that should be included in this item.		
	WTP Site Mandouli	50,00,000/-	Fifty Lakh Only
	WTP Site Pabra	50,00,000/-	Fifty Lakh Only
	WTP Site Nanowal	15,00,000/-	Fifteen Lakh Only
	Sub Total (Sub Activity 2.3)	1,15,00,000/-	One Crore Fifteen Lakh Only
2.4	Providing, Installing and Commissioning low noise (Silent) Generating Sets of Suitable capacity to run Raw Water Pumping Machinery, Water Treatment Plants, Clear Water Pumping Machinery and other electrical accessories within the premises of Raw Water Sump area and WTP area, connecting electric cables, HT panels etc., suitable protection and all other works contingent there to complete in all respect. In case, intermediate pumping is proposed by the bidder at other than WTP site, then the rate for that should be included in this item.		
	WTP Site Mandouli	1,00,00,000/-	One Crore Only
	WTP Site Pabra	1,00,00,000/-	One Crore Only
	WTP Site Nanowal	20,00,000/-	Twenty Lakh Only
	Sub Total (Sub Activity 2.4)	2,20,00,000/-	Two Crore Twenty Lakh Only

Sub Activity No.	Description of Activity	Awarded Rates (INR)	
		In Figures	In Words
2.5	Raw Water Pumping Stations near to raw water suction wells of suitable sizes with all necessary electrical fittings & fixtures viz.light/fan/power socket etc., arrangement of proper ventilation, fire fighting, disposal of over flow water from pump sets and necessary plinth protection work.		
	WTP Site Mandouli	50,00,000/-	Fifty Lakh Only
	WTP Site Pabra	50,00,000/-	Fifty Lakh Only
	WTP Site Nanowal	5,00,000/-	Five Lakh Only
	Sub Total (Sub Activity 2.5)	1,05,00,000/-	One Crore Five Lakh Only
2.6	Supplying, laying, jointing, testing and completion of DI pipeline of appropriate size and length (as per all relevant BIS specification) for raw water pumping main upto WTPs including all necessary earthwork, valves & specials, valve chamber, supporting structures, crossing of canals/ drains, anchor/ thrust block etc. compete in all respect including dismantling, restoration/ reconditioning of all kinds of roads, road berms, culverts, or any other structure to be dismantled during laying of pipe line (as per norms of the concerned department) to its original condition.		
	WTP Site Mandouli	1,00,00,000/-	One Crore Only
	WTP Site Pabra	1,00,00,000/-	One Crore Only
	WTP Site Nanowal	15,00,000/-	Fifteen Lakh Only
	Sub Total (Sub Activity 2.6)	2,15,00,000/-	Two Crore Fifteen Lakh Only

Sub Activity No.	Description of Activity	Awarded Rates (INR)	
		In Figures	In Words
2.7	Provisional Sum for payment towards Occupational Health and Safety practices including, but not limited to, signage's at and along construction sites, personal protection equipment and to be retained till completion of activity 6.		
	WTP Site Mandouli		Nil
	WTP Site Pabra		Nil
	WTP Site Nanowal		Nil
	Sub Total (Sub Activity 2.7)		Nil
2.8	Dust suppression measures by water spraying 3 times a day throughout the construction period till completion of works, in and around the works site, uncovered aggregates and loose materials such as stockpiles of the sands, excavated earth etc. daily or as per requirements. Activity to be carried out till completion of activity 6.		
	WTP Site Mandouli	1,00,000/-	One Lakh Only
	WTP Site Pabra	1,00,000/-	One Lakh Only
	WTP Site Nanowal	1,00,000/-	One Lakh Only
	Sub Total (Sub Activity 2.8)	3,00,000/-	Three Lakh Only
2.9	Provisional Sum for payment towards Disposal of waste - silt, C&D, Hazardous waste, vegetation waste as per GoI/ PPCB guidelines and ESIA/ESMP of scheme and ECoPs of PRWSSIP ESMF, including safe handling of waste onsite, hauling to authorised disposal sites, and clearances from PPCB/Employer. All waste to be disposed within 3 days of generation. To be retained till completion of activity 6.		
	WTP Site Mandouli		Nil
	WTP Site Pabra		Nil
	WTP Site Nanowal		Nil
	Sub Total (Sub Activity 2.9)		Nil



Sub Activity No.	Description of Activity	Awarded Rates (INR)	
		In Figures	In Words
2.10	Ambient Air quality monitoring beyond establishing baseline during design build period done every 6 months for PM10, PM2.5, NO2, SO2, CO as per the method defined in Section VII – ESHS-MSIP. Monitoring done as per CPCB guidelines and from CPCB accredited labs.		
	WTP Site Mandouli	2,00,000/-	Two Lakh Only
	WTP Site Pabra	2,00,000/-	Two Lakh Only
	WTP Site Nanowal	2,00,000/-	Two Lakh Only
	Sub Total (Sub Activity 2.10)	6,00,000/-	Six Lakh Only
2.11	Noise quality monitoring beyond establishing baseline during design build period done every 6 months done as per CPCB guidelines and from CPCB accredited labs.		
	WTP Site Mandouli	4,00,000/-	Four Lakh Only
	WTP Site Pabra	4,00,000/-	Four Lakh Only
	WTP Site Nanowal	4,00,000/-	Four Lakh Only
	Sub Total (Sub Activity 2.11)	12,00,000/-	Twelve Lakh Only
2.12	Any additional items of work, goods and services to implement as per the ESHS-MSIP, except the items already covered above.		
	WTP Site Mandouli	3,00,000/-	Three Lakh Only
	WTP Site Pabra	3,00,000/-	Three Lakh Only
	WTP Site Nanowal	3,00,000/-	Three Lakh Only
	Sub Total (Sub Activity 2.12)	9,00,000/-	Nine Lakh Only
	Total Activity : H2		
	WTP Site Mandouli	4,00,00,000/-	Four Crore Only
	WTP Site Pabra	4,00,00,000/-	Four Crore Only
	WTP Site Nanowal	1,00,00,000/-	One Crore Only
	Total of Activity 2 (Total of Sub Activity 2.1 to 2.12)	9,00,00,000/-	Nine Crore Only

Sub Activity No.	Description of Activity	Awarded Rates (INR)	
		In Figures	In Words
Activity:- 3- WATER TREATMENT SYSTEM: Construction and commissioning of WTP using best suitable technology; probably compact in nature			
3.1	Construction of Complete Water Treatment Plants based on usage of surface water supply of minimum output capacity of Mandouli 39 MLD, Pabra 18 MLD and Nanowal 12 MLD with suitable designs in conformity with the relevant BIS Code of practices with latest amendments, having filtration rate not less than 4.8m/hr, provision for disinfection, including all necessary Mechanical and Electrical Installation Works suitable for automated operation of the plant, Provision for Laboratory Facility, sludge management system, all internal connections & by-pass piping system, including provision of minimum 50 sqmt area at ground floor and 1 st floor each, for Office, Chemical Storage, blowers and chlorination etc. All internal and external electrification work for compound lighting etc., Electrical control panels for connecting & hooking up of the electrical switch gears of various drive motors of the Treatment Plant units etc. including 3 months trial run period., for Water Treatment Plant, the Bidder can use best, latest and proven technologies so as to have a compact system to save space and ease of management. All the valves and other controls should be DI; instruments should be of best quality; and no leakages are allowed in WTP premises.		
	WTP Site Mandouli	13,80,00,000/-	Thirteen Crore Eighty Lakh Only
	WTP Site Pabra	5,80,00,000/-	Five Crore Eighty Lakh Only
	WTP Site Nanowal	3,80,00,000/-	Three Crore Eighty Lakh Only
	Sub Total (Sub Activity 3.1)	23,40,00,000/-	Twenty Three Crore Forty Lakh Only



Sub Activity No.	Description of Activity	Awarded Rates (INR)	
		In Figures	In Words
3.2	Provisional Sum for Occupational Health and Safety practices including, but not limited to, signage's at and along construction sites, personal protection equipment. To be provided till completion of activity 8.		
	WTP Site Mandouli		Nil
	WTP Site Pabra		Nil
	WTP Site Nanowal		Nil
	Sub Total (Sub Activity 3.2)		Nil
3.3	Dust suppression measures by water spraying 3 times a day throughout the construction period till completion of works, in and around the works site, uncovered aggregates and loose materials such as stockpiles of the sands, excavated earth etc. daily or as per requirements. To be continued till completion of activity 8.		
	WTP Site Mandouli	5,00,000/-	Five Lakh Only
	WTP Site Pabra	5,00,000/-	Five Lakh Only
	WTP Site Nanowal	5,00,000/-	Five Lakh Only
	Sub Total (Sub Activity 3.3)	15,00,000/-	Fifteen Lakh Only
3.4	Provisional Sum for Disposal of waste - silt, C&D, Hazardous waste, vegetation waste as per GoI/ PPCB guidelines and ESIA/ESMP of scheme and ECoPs of PRWSSIP ESMF, including safe handling of waste onsite, hauling to authorised disposal sites, and clearances from PPCB/Employer. All waste to be disposed within 3 days of generation. To be continued till completion of Activity 8.		
	WTP Site Mandouli		Nil
	WTP Site Pabra		Nil
	WTP Site Nanowal		Nil
	Sub Total (Sub Activity 3.4)		Nil

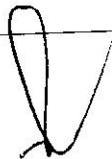
Sub Activity No.	Description of Activity	Awarded Rates (INR)	
		In Figures	In Words
3.5	Air quality monitoring beyond establishing baseline during design build period done every 6 months for PM10, PM2.5, NO2, SO2, CO as per the method defined in Section VII – ESHS-MSIP at 2 locations WTP/Headworks (windward and leeward). Monitoring done as per CPCB guidelines and from CPCB accredited labs.		
	WTP Site Mandouli	5,00,000/-	Five Lakh Only
	WTP Site Pabra	5,00,000/-	Five Lakh Only
	WTP Site Nanowal	5,00,000/-	Five Lakh Only
	Sub Total (Sub Activity 3.5)	15,00,000/-	Fifteen Lakh Only
3.6	Noise quality monitoring beyond establishing baseline during design build period done every 6 months done at WTP/Head Works as per CPCB guidelines and from CPCB accredited labs at construction site and heavy equipment/material stacking site.		
	WTP Site Mandouli	5,00,000/-	Five Lakh Only
	WTP Site Pabra	5,00,000/-	Five Lakh Only
	WTP Site Nanowal	5,00,000/-	Five Lakh Only
	Sub Total (Sub Activity 3.6)	15,00,000/-	Fifteen Lakh Only
3.7	Any additional items of work, goods and services to implement as per the ESHS-MSIP, except the items already covered above.		
	WTP Site Mandouli	5,00,000/-	Five Lakh Only
	WTP Site Pabra	5,00,000/-	Five Lakh Only
	WTP Site Nanowal	5,00,000/-	Five Lakh Only
	Sub Total (Sub Activity 3.7)	15,00,000/-	Fifteen Lakh Only



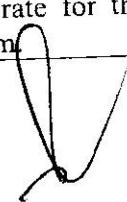
Sub Activity No.	Description of Activity	Awarded Rates (INR)	
		In Figures	In Words
	Total Activity : H3		
	WTP Site Mandouli	14,00,00,000/-	Fourteen Crore Only
	WTP Site Pabra	6,00,00,000/-	Six Crore Only
	WTP Site Nanowal	4,00,00,000/-	Four Crore Only
	Total of Activity 3 (Total of Sub Activity 3.1 to 3.7)	24,00,00,000/-	Twenty Four Crore Only

Activity:- 4- CLEAR WATER SYSTEM: Construction of Clear Water Reservoir including pump room, machinery at WTP and IPS if any.

4.1	Construction of minimum 9.54 Million ltrs. Capacity RCC Under Ground Treated Water Sump in 2 (two) compartments and with a suction wells for suction of clear water machinery, having provision for all inlet, outlet & overflow arrangements; calibrated water level indicators; Air Vent Pipes; Man Holes with Covers; PVC Lugs inside the sump etc. In case, intermediate pumping is proposed by the bidder at other than WTP site, then the rate for that should be included in this item		
	WTP Site Mandouli	2,50,00,000/-	Two Crore Fifty Lakh Only
	WTP Site Pabra	15,00,0000/-	One Crore Fifty Lakh Only
	WTP Site Nanowal	1,00,00,000/-	One Crore Only
	Sub Total (Sub Activity 4.1)	5,00,00,000/-	Five Crore Only



Sub Activity No.	Description of Activity	Awarded Rates (INR)	
		In Figures	In Words
4.2	Clear Water Pumping Stations with RCC framed structure having minimum 6 meter clear height from floor to bottom of slab ,near to clear water suction well of suitable size with all necessary electrical fittings & fixtures viz.light /fan/power socket etc., arrangement of proper ventilation, fire fighting, disposal of over flow water from pump sets and necessary plinth protection work.		
	WTP Site Mandouli	50,00,000/-	Fifty Lakh Only
	WTP Site Pabra	25,00,000/-	Twenty Five Lakh Only
	WTP Site Nanowal	15,00,000/-	Fifteen Lakh Only
	Sub Total (Sub Activity 4.2)	90,00,000/-	Ninety Lakh Only
4.3	Providing and installation of clear water/ IPS pumping machinery with Variable frequency drive panel of appropriate capacity (with minimum 50% machinery as standby extra than required capacity) with variable frequency drive where required, for clear water pumping including foundation works, electrical and other installation works, providing all necessary suction/delivery piping arrangement with control valves & specials, arrangement for priming pumps with standby provision, priming water tank with staging & required Pipes & specials etc.(common priming arrangement for all he pumps for different route). Furnishing the Manufacturer's test certificate & characteristic performance curve of the pumps, all complete, All pumps, electrical drive motors & other appurtenances shall be of reputed make & conforming to BIS Specification and other regulatory norms, current at the time of design and execution. In case, intermediate pumping systems are proposed by the bidder at locations outside WTP site, then the rate for that should be included in this item.		



Sub Activity No.	Description of Activity	Awarded Rates (INR)	
		In Figures	In Words
	WTP Site Mandouli	2,98,00,000/-	Two Crore Ninety Eight Lakh Only
	WTP Site Pabra	2,23,00,000/-	Two Crore Twenty Three Lakh Only
	WTP Site Nanowal	83,00,000/-	Eighty Three Lakh Only
	Sub Total (Sub Activity 4.3)	6,04,00,000/-	Six Crore Four Lakh Only
4.4	Provisional Sum for Occupational Health and Safety practices including, but not limited to, signage's at and along construction sites, personal protection equipment. To be continued till completion of Activity 8.		
	WTP Site Mandouli		Nil
	WTP Site Pabra		Nil
	WTP Site Nanowal		Nil
	Sub Total (Sub Activity 4.4)		Nil
4.5	Dust suppression measures by water spraying 3 times a day throughout the construction period till completion of works, in and around the works site, uncovered aggregates and loose materials such as stockpiles of the sands, excavated earth etc. daily or as per requirement. To be continued till completion of Activity 8.		
	WTP Site Mandouli	1,00,000/-	One Lakh Only
	WTP Site Pabra	1,00,000/-	One Lakh Only
	WTP Site Nanowal	1,00,000/-	One Lakh Only
	Sub Total (Sub Activity 4.5)	3,00,000/-	Three Lakh Only

Sub Activity No.	Description of Activity	Awarded Rates (INR)	
		In Figures	In Words
4.6	Provisional Sum for Disposal of waste - silt, C&D, Hazardous waste, vegetation waste as per GoI/ PPCB guidelines and ESIA/ESMP of scheme and ECoPs of PRWSSIP ESMF, including safe handling of waste onsite, hauling to authorized disposal sites, and clearances from PPCB/Employer. All waste to be disposed within 3 days of generation to be continued till completion of Activity 8.		
	WTP Site Mandouli		Nil
	WTP Site Pabra		Nil
	WTP Site Nanowal		Nil
	Sub Total (Sub Activity 4.6)		Nil
4.7	Any additional items of work, goods and services to implement as per the ESHS-MSIP, except the items already covered above.		
	WTP Site Mandouli	1,00,000/-	One Lakh Only
	WTP Site Pabra	1,00,000/-	One Lakh Only
	WTP Site Nanowal	1,00,000/-	One Lakh Only
	Sub Total (Sub Activity 4.7)	3,00,000/-	Three Lakh Only
	Total Activity : H4		
	WTP Site Mandouli	6,00,00,000/-	Six Crore Only
	WTP Site Pabra	4,00,00,000/-	Four Crore Only
	WTP Site Nanowal	2,00,00,000/-	Two Crore Only
	Total of Activity 4	12,00,00,000/-	Twelve Crore

Sub Activity No.	Description of Activity	Awarded Rates (INR)	
		In Figures	In Words
	(Total of Sub Activity 4.1 to 4.7)		Only
Activity:- 5- CLEAR WATER TRANSMISSION SYSTEM: Providing, Laying, jointing and testing of Transmission Systems connecting all villages to be covered in the scheme for defined supply conditions			
5.1	Supplying, laying, jointing, testing and commissioning of requisite dia. DI Transmission Mains (as per all relevant BIS specifications) from proposed Clear Water Reservoir/ UGSR to the Existing/ Proposed OHSRs of the Existing/ Proposed village Water supply systems including all necessary earthwork, crossing of drains/ canals/ culverts etc., air valves, flow control valves, pressure regulating valves, necessary Specials, flow meters, valve chambers, supporting structures, anchor/ thrust block etc. including dismantling, restoration/ reconditioning of all kinds of roads, road berms, culverts, or any other structure to be dismantled during laying of pipe line (as per norms of the concerned department) to its original condition.		
	WTP Site Mandouli	94,90,00,000/-	Ninety Four Crore Ninety Lakh Only
	WTP Site Pabra	66,90,00,000/-	Sixty Six Crore Ninety Lakh Only
	WTP Site Nanowal	36,90,00,000/-	Thirty Six Crore Ninety Lakh Only
	Sub Total (Sub Activity 4.1)	198,70,00,000/-	One Hundred Ninety Eight Crore Seventy Lakh Only

Sub Activity No.	Description of Activity	Awarded Rates (INR)	
		In Figures	In Words
5.2	-Provisional Sum of Installation of a steel (MS) portable barricade with horizontal rail 300 mm wide, 2.5m in length fitted on a frame made with 45x45x5 mm angle iron section, 1.5 m in height, horizontal rail painted (2 Coats) with yellow and white stripes, 150 mm in width at an angle of 45, A frame painted with 2 coats of yellow paint, complete as per IRC: SP: 55-2001 complete as per specifications till completion of road restoration works. For pipe line having dia 500mm and above:		
	WTP Site Mandouli		Nil
	WTP Site Pabra		Nil
	WTP Site Nanowal		Nil
	Sub Total (Sub Activity 5.2)		Nil
5.3	Provisional Sum for Installation of barricade made of wooden components, 1.5 m high from road level, fitted with 3 horizontal planks 200 mm wide and 3.66 m long on 100 x 100mm wooden vertical post, painted with yellow and white stirrups, 150 mm in width at an angle of 45 degree, complete as per IRC:SP:55-2001. For pipe line having dia less than 500 mm.		
	WTP Site Mandouli		Nil
	WTP Site Pabra		Nil
	WTP Site Nanowal		Nil
	Sub Total (Sub Activity 5.3)		Nil
5.4	Provisional Sum for Occupational Health and Safety practices including, but not limited to, signage's at and along construction sites, personal protection equipment		
	WTP Site Mandouli		Nil



Sub Activity No.	Description of Activity	Awarded Rates (INR)	
		In Figures	In Words
	WTP Site Pabra		Nil
	WTP Site Nanowal		Nil
	Sub Total (Sub Activity 5.4)		Nil
5.5	Dust suppression measures by water spraying 3 times a day throughout the construction period till completion of works, in and around the works site, uncovered aggregates and loose materials such as stockpiles of the sands, excavated earth etc. daily or as per requirements		
	WTP Site Mandouli	1,00,000/-	One Lakh Only
	WTP Site Pabra	1,00,000/-	One Lakh Only
	WTP Site Nanowal	1,00,000/-	One Lakh Only
	Sub Total (Sub Activity 5.5)	3,00,000/-	Three Lakh Only
5.6	Provision sum for Disposal of waste - silt, C&D, Hazardous waste, vegetation waste as per GoI/ PPCB guidelines and ESIA/ESMP of scheme and ECoPs of PRWSSIP ESMF, including safe handling of waste onsite, hauling to authorised disposal sites, and clearances from PPCB/Employer. All waste to be disposed within 3 days of generation.		
	WTP Site Mandouli		Nil
	WTP Site Pabra		Nil
	WTP Site Nanowal		Nil
	Sub Total (Sub Activity 5.6)		Nil

Sub Activity No.	Description of Activity	Awarded Rates (INR)	
		In Figures	In Words
5.7	Air quality monitoring beyond establishing baseline during design build period done every 6 months for PM10, PM2.5, NO2, SO2, CO as per the method defined in Section VII – ESHS-MSIP at 15 locations (windward and leeward). Monitoring done as per CPCB guidelines and from CPCB accredited labs.		
	WTP Site Mandouli	4,00,000/-	Four Lakh Only
	WTP Site Pabra	4,00,000/-	Four Lakh Only
	WTP Site Nanowal	4,00,000/-	Four Lakh Only
	Sub Total (Sub Activity 5.7)	12,00,000/-	Twelve Lakh Only
5.8	Noise quality monitoring beyond establishing baseline during design build period done every 6 months done as per CPCB guidelines and from CPCB accredited labs at construction site and heavy equipment/material stacking site.		
	WTP Site Mandouli	4,00,000/-	Four Lakh Only
	WTP Site Pabra	4,00,000/-	Four Lakh Only
	WTP Site Nanowal	4,00,000	Four Lakh Only
	Sub Total (Sub Activity 5.8)	12,00,000/-	Twelve Lakh Only
5.9	Any additional items of work, goods and services to implement as per the ESHS-MSIP, except the items already covered above.		
	WTP Site Mandouli	1,00,000/-	One Lakh Only
	WTP Site Pabra	1,00,000/-	One Lakh Only
	WTP Site Nanowal	1,00,000/-	One Lakh Only
	Sub Total (Sub Activity 5.9)	3,00,000/-	Three Lakh Only

Sub Activity No.	Description of Activity	Awarded Rates (INR)	
		In Figures	In Words
	Total Activity : H5		
	WTP Site Mandouli	95,00,00,000/-	Ninety Five Crore Only
	WTP Site Pabra	67,00,00,000/-	Sixty Seven Crore Only
	WTP Site Nanowal	37,00,00,000/-	Thirty Seven Crore Only
	Total of Activity 5 (Total of Sub Activity 5.1 to 5.9)	199,00,00,000/-	One Hundred Ninety Nine Crore Only

Activity:- 6- SITE DEVELOPMENT: Development of Raw Water Pumping Station, WTP Area, clear water system and any intermediate pumping system including Boundary Walls

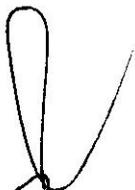
6.1	Land Development & Security Brick/RCC boundary Walls, designed to withstand all weather conditions, of 1.8 mtr .height around Raw Water systems, Water Treatment plants areas (including clear water systems) and any other intermediate pumping systems if any including MS gates finished with suitable paint including 3.50 mtr. Wide internal & approach road suitable for appropriate loading, arboriculture, compound illumination with sufficient no. of Solar street lights designed for suitable luminosity to cover complete systems built under this including necessary labour, materials, paintings, site development for aesthetics, etc complete in all respects.In case, intermediate pumping is proposed by the bidder at other than WTP site, then the rate for that should be included in this item.		
	WTP Site Mandouli	95,00,000/-	Ninety Five Lakh Only
	WTP Site Pabra	95,00,000/-	Ninety Five Lakh Only

Sub Activity No.	Description of Activity	Awarded Rates (INR)	
		In Figures	In Words
	WTP Site Nanowal	95,00,000/-	Ninety Five Lakh Only
	Sub Total (Sub Activity 6.1)	2,85,00,000/-	Two Crore Eighty Five Lakh Only
6.2	Plantation of trees at WTP/ Head works and approach roads. Impacted trees to be identified by Contractor in consultation with Forest Department in presence of Employer to ensure no endangered species impacted. Locations for plantation of trees to be submitted to and approved by Employer. Plant Species to be planted as per the guidance of Forest Department. Tree plantation to be completed during defect liability period and must ensure survival of plants throughout O&M period.		
	WTP Site Mandouli	4,00,000/-	Four Lakh Only
	WTP Site Pabra	4,00,000/-	Four Lakh Only
	WTP Site Nanowal	4,00,000/-	Four Lakh Only
	Sub Total (Sub Activity 6.2)	12,00,000/-	Twelve Lakh Only
6.3	Any additional items of work, goods and services to implement as per the ESHS-MSIP, except the items already covered above.		
	WTP Site Mandouli	1,00,000/-	One Lakh Only
	WTP Site Pabra	1,00,000/-	One Lakh Only
	WTP Site Nanowal	1,00,000/-	One Lakh Only
	Sub Total (Sub Activity 6.3)	3,00,000/-	Three Lakh Only
	Total Activity : H6		
	WTP Site Mandouli	1,00,00,000/-	One Crore Only
	WTP Site Pabra	1,00,00,000/-	One Crore Only
	WTP Site Nanowal	1,00,00,000/-	One Crore Only
	Total of Activity 6 (Total of Sub Activity 6.1 to 6.3)	3,00,00,000/-	Three Crore Only



Sub Activity No.	Description of Activity	Awarded Rates (INR)	
		In Figures	In Words
Activity:- 7- Monitoring Systems: Implementation and operation of SCADA includes PLC and other instrumentation			
7.1	Supplying, Installing, synchronizing, testing and completion of SCADA systems. as per Section VIII Technical Specification of SCADA .		
	WTP Site Mandouli	20,00,00,000/-	Twenty Crore Only
	WTP Site Pabra	17,00,00,000/-	Seventeen Crore Only
	WTP Site Nanowal	10,00,00,000/-	Ten Crore Only
	Sub Total (Sub Activity 7.1)	47,00,00,000/-	Forty Seven Crore Only
7.2	Supplying, installing and testing of Electro Magnetic Flow Meters (AMR) (as per all relevant BIS or ISO specification with latest amendments) of reputed make, along with dismantling joints, at required locations, complete in all respects as per Section VIII Technical Specification of SCADA		
	WTP Site Mandouli	8,00,00,000/-	Eight Crore Only
	WTP Site Pabra	4,00,00,000/-	Four Crore Only
	WTP Site Nanowal	4,00,00,000/-	Four Crore Only
	Sub Total (Sub Activity 7.2)	16,00,00,000/-	Sixteen Crore Only
	Total Activity : H7		
	WTP Site Mandouli	28,00,00,000/-	Twenty Eight Crore Only
	WTP Site Pabra	21,00,00,000/-	Twenty One Crore Only
	WTP Site Nanowal	14,00,00,000/-	Fourteen Crore Only
	Total of Activity 7 (Total of Sub Activity 7.1 to 7.2)	63,00,00,000/-	Sixty Three Crore Only

Sub Activity No.	Description of Activity	Awarded Rates (INR)	
		In Figures	In Words
Activity:- 8- Construction of office Building and Staff quarter.			
8.1	Buildings for Official use for DWSS with area 70.00 sqmt having 600 mm. high plinth & 3300 mm. finished clear roof height including toilet block at treatment plant site having aluminium casement window / ventilator, 1st. class local hard Wood door frame, 1st. class local hard Wood panelled shutter (Toilet door shall be of solid moulded PVC frame & 25 mm. thick PVC shutter), internal wall finished with plastic paint & exterior surfaces finished with weather coat cement paint with RCC roof slab including all necessary internal water supply & sanitary installation work, internal electrification (with concealed copper wiring of required Cross Section area) with all necessary electrical fittings & fixtures viz., light / fan / power socket etc., necessary plinth protection work, white ant treatment, compound electrification with LED & Installation of 2 Nos. Air Conditioners of 1.5 ton capacity each.		
	WTP Site Mandouli	30,00,000/-	Thirty Lakh Only
	WTP Site Pabra	20,00,000/-	Twenty Lakh Only
	WTP Site Nanowal	20,00,000/-	Twenty Lakh Only
	Sub Total (Sub Activity 8.1)	70,00,000/-	Seventy Lakh Only



Sub Activity No.	Description of Activity	Awarded Rates (INR)	
		In Figures	In Words
8.2	Twin type accommodation at each Treatment Plant Location for 1 (one) No. Plant Operator and 1 (one) No. Chowkider having total plinth area of 84.5 sqm (42.25 sqm per dwelling unit) having 600 mm. high plinth & 3300 mm. finished clear roof height comprising of 1 bed room with attached toilet, 1 living room, 1 kitchen & 1 entry veranda having aluminium casement window / ventilator, 1st. class local hard Wood door frame, 1st. class local hard Wood panelled shutter (Toilet door shall be of solid moulded PVC frame & 25 mm. thick PVC shutter), internal wall finished with plastic paint & exterior surfaces finished with weather coat cement paint with RCC roof slab including all necessary internal water supply & sanitary installation work , internal electrification (with concealed copper wiring of required Cross Section area) with all necessary electrical fittings & fixtures viz., light / fan / power socket etc., necessary plinth protection work, white ant treatment, compound electrification with LED.		
	WTP Site Mandouli	10,00,000/-	Ten Lakh Only
	WTP Site Pabra	10,00,000/-	Ten Lakh Only
	WTP Site Nanowal	10,00,000/-	Ten Lakh Only
	Sub Total (Sub Activity 8.2)	30,00,000/-	Thirty Lakh Only
	Activity : H8		
	WTP Site Mandouli	40,00,000/-	Forty Lakh Only
	WTP Site Pabra	30,00,000/-	Thirty Lakh Only
	WTP Site Nanowal	30,00,000/-	Thirty Lakh Only
	Total of Activity 8 (Total of Sub Activity 8.1 to 8.2)	1,00,00,000/-	One Crore Only



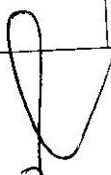
Sub Activity No.	Description of Activity	Awarded Rates (INR)	
		In Figures	In Words
	Total price of – Design Build		
	WTP Site Mandouli	151,40,00,000/-	One Hundred Fifty One Crore Forty Lakh Only
	WTP Site Pabra	105,30,00,000/-	One Hundred Five Crore Thirty Lakh Only
	WTP Site Nanowal	61,30,00,000/-	Sixty One Crore Thirty Lakh Only
	Grand Total of all activities (H1, H2, H3, H4, H5, H6, H7 & H8)	318,00,00,000/-	Three Hundred Eighteen Crore Only

Operating and Maintenance: - Operation and Maintenance of the Scheme built including all structures and appurtenances/ constructed/ installed; transmission mains laid for the supply of treated surface water at required pressure, quality and quantity to all the OHSR's, in villages etc. as bid document complete in all respect

Name of WTP Site	Amount (In INR)	
	In Figures	In Words
O&M for 1st Year		
Annual O & M Price for Supply of Minimum Requirement of Water (In MLD)		
WTP Mandouli- 11 (MLD)	3,00,00,000/-	Three Crore Only
WTP Pabra- 6 (MLD)	1,50,00,000/-	One Crore Fifty lakh only
WTP Nanowal- 3.5 (MLD)	1,00,00,000/-	One Crore Only
Total- 20.5 (MLD)	5,50,00,000/-	Five Crore Fifty Lakh only
Additional O&M Price per MLD for supply of water in excess of Minimum Requirement		
WTP Mandouli	3,00,000/-	Three Lakh Only
WTP Pabra	3,00,000/-	Three Lakh Only
WTP Nanowal	3,00,000/-	Three Lakh Only
Total	9,00,000/-	Nine Lakh Only



Name of WTP Site	Amount (In INR)	
	In Figures	In Words
O&M for 2nd Year		
Annual O & M Price for Supply of Minimum Requirement of Water (In MLD)		
WTP Mandouli- 11 (MLD)	3,00,00,000/-	Three Crore Only
WTP Pabra- 6 (MLD)	1,50,00,000/-	One Crore Fifty lakh only
WTP Nanowal- 3.5 (MLD)	1,00,00,000/-	One Crore Only
Total- 20.5 (MLD)	5,50,00,000/-	Five Crore Fifty Lakh only
Additional O&M Price per MLD for supply of water in excess of Minimum Requirement		
WTP Mandouli	3,00,000/-	Three Lakh Only
WTP Pabra	3,00,000/-	Three Lakh Only
WTP Nanowal	3,00,000/-	Three Lakh Only
Total	9,00,000/-	Nine Lakh Only
O&M for 3rd Year		
Annual O & M Price for Supply of Minimum Requirement of Water (In MLD)		
WTP Mandouli- 11 (MLD)	3,00,00,000/-	Three Crore Only
WTP Pabra- 6 (MLD)	1,50,00,000/-	One Crore Fifty lakh only
WTP Nanowal- 3.5 (MLD)	1,00,00,000/-	One Crore Only
Total- 20.5 (MLD)	5,50,00,000/-	Five Crore Fifty Lakh only
Additional O&M Price per MLD for supply of water in excess of Minimum Requirement		
WTP Mandouli	3,00,000/-	Three Lakh Only
WTP Pabra	3,00,000/-	Three Lakh Only
WTP Nanowal	3,00,000/-	Three Lakh Only
Total	9,00,000/-	Nine Lakh Only



Name of WTP Site	Amount (In INR)	
	In Figures	In Words
O&M for 4th Year		
Annual O & M Price for Supply of Minimum Requirement of Water (In MLD)		
WTP Mandouli- 11 (MLD)	3,00,00,000/-	Three Crore Only
WTP Pabra- 6 (MLD)	1,50,00,000/-	One Crore Fifty lakh only
WTP Nanowal- 3.5 (MLD)	1,00,00,000/-	One Crore Only
Total- 20.5 (MLD)	5,50,00,000/-	Five Crore Fifty Lakh only
Additional O&M Price per MLD for supply of water in excess of Minimum Requirement		
WTP Mandouli	3,00,000/-	Three Lakh Only
WTP Pabra	3,00,000/-	Three Lakh Only
WTP Nanowal	3,00,000/-	Three Lakh Only
Total	9,00,000/-	Nine Lakh Only
O&M for 5th Year		
Annual O & M Price for Supply of Minimum Requirement of Water (In MLD)		
WTP Mandouli- 11 (MLD)	3,00,00,000/-	Three Crore Only
WTP Pabra- 6 (MLD)	1,50,00,000/-	One Crore Fifty lakh only
WTP Nanowal- 3.5 (MLD)	1,00,00,000/-	One Crore Only
Total- 20.5 (MLD)	5,50,00,000/-	Five Crore Fifty Lakh only
Additional O&M Price per MLD for supply of water in excess of Minimum Requirement		
WTP Mandouli	3,00,000/-	Three Lakh Only
WTP Pabra	3,00,000/-	Three Lakh Only
WTP Nanowal	3,00,000/-	Three Lakh Only
Total	9,00,000/-	Nine Lakh Only



Name of WTP Site	Amount (In INR)	
	In Figures	In Words
O&M for 6th Year		
Annual O & M Price for Supply of Minimum Requirement of Water (In MLD)		
WTP Mandouli- 11 (MLD)	3,00,00,000/-	Three Crore Only
WTP Pabra- 6 (MLD)	1,50,00,000/-	One Crore Fifty lakh only
WTP Nanowal- 3.5 (MLD)	1,00,00,000/-	One Crore Only
Total- 20.5 (MLD)	5,50,00,000/-	Five Crore Fifty Lakh only
Additional O&M Price per MLD for supply of water in excess of Minimum Requirement		
WTP Mandouli	3,00,000/-	Three Lakh Only
WTP Pabra	3,00,000/-	Three Lakh Only
WTP Nanowal	3,00,000/-	Three Lakh Only
Total	9,00,000/-	Nine Lakh Only
O&M for 7th Year		
Annual O & M Price for Supply of Minimum Requirement of Water (In MLD)		
WTP Mandouli- 11 (MLD)	3,00,00,000/-	Three Crore Only
WTP Pabra- 6 (MLD)	1,50,00,000/-	One Crore Fifty lakh only
WTP Nanowal- 3.5 (MLD)	1,00,00,000/-	One Crore Only
Total- 20.5 (MLD)	5,50,00,000/-	Five Crore Fifty Lakh only
Additional O&M Price per MLD for supply of water in excess of Minimum Requirement		
WTP Mandouli	3,00,000/-	Three Lakh Only
WTP Pabra	3,00,000/-	Three Lakh Only
WTP Nanowal	3,00,000/-	Three Lakh Only
Total	9,00,000/-	Nine Lakh Only



Name of WTP Site	Amount (In INR)	
	In Figures	In Words
O&M for 8th Year		
Annual O & M Price for Supply of Minimum Requirement of Water (In MLD)		
WTP Mandouli- 11 (MLD)	3,00,00,000/-	Three Crore Only
WTP Pabra- 6 (MLD)	1,50,00,000/-	One Crore Fifty lakh only
WTP Nanowal- 3.5 (MLD)	1,00,00,000/-	One Crore Only
Total- 20.5 (MLD)	5,50,00,000/-	Five Crore Fifty Lakh only
Additional O&M Price per MLD for supply of water in excess of Minimum Requirement		
WTP Mandouli	3,00,000/-	Three Lakh Only
WTP Pabra	3,00,000/-	Three Lakh Only
WTP Nanowal	3,00,000/-	Three Lakh Only
Total	9,00,000/-	Nine Lakh Only
O&M for 9th Year		
Annual O & M Price for Supply of Minimum Requirement of Water (In MLD)		
WTP Mandouli- 11 (MLD)	3,00,00,000/-	Three Crore Only
WTP Pabra- 6 (MLD)	1,50,00,000/-	One Crore Fifty lakh only
WTP Nanowal- 3.5 (MLD)	1,00,00,000/-	One Crore Only
Total- 20.5 (MLD)	5,50,00,000/-	Five Crore Fifty Lakh only
Additional O&M Price per MLD for supply of water in excess of Minimum Requirement		
WTP Mandouli	3,00,000/-	Three Lakh Only
WTP Pabra	3,00,000/-	Three Lakh Only
WTP Nanowal	3,00,000/-	Three Lakh Only
Total	9,00,000/-	Nine Lakh Only



Name of WTP Site	Amount (In INR)	
	In Figures	In Words
O&M for 10th Year		
Annual O & M Price for Supply of Minimum Requirement of Water (In MLD)		
WTP Mandouli- 11 (MLD)	3,00,00,000/-	Three Crore Only
WTP Pabra- 6 (MLD)	1,50,00,000/-	One Crore Fifty lakh only
WTP Nanowal- 3.5 (MLD)	1,00,00,000/-	One Crore Only
Total- 20.5 (MLD)	5,50,00,000/-	Five Crore Fifty Lakh only
Additional O&M Price per MLD for supply of water in excess of Minimum Requirement		
WTP Mandouli	3,00,000/-	Three Lakh Only
WTP Pabra	3,00,000/-	Three Lakh Only
WTP Nanowal	3,00,000/-	Three Lakh Only
Total	9,00,000/-	Nine Lakh Only

CONDITIONS

1. All duties GST, taxes, cess and other levies payable by the Contractor under the Contract, or for any other cause, as of the date 28 days prior to the deadline for submission of Bids, shall be included in the rates and prices and the total Bid price submitted by the Bidder. Any variation is to the account of bidder. Variations after the date '28 days prior to deadline for bid submission' shall be to purchaser's account. However, Cultural Cess, if applicable, will be paid to Govt. of Punjab separately by DWSS. However, it is clarified that variation is not applicable on individual item to be used in execution of work..
2. Taxes above required shall be deducted from the contractor bills.
3. Date of start of work will be reckoned from the date of issue of notice to proceed.
4. You shall prepare all the Design Build Documents. The Design Build Documents shall include the plans, designs, drawings, detailed list of requirements, as-built documents, operations manuals, specifications, schematic design documents, design development documents, and all modifications thereto required in order to properly and fully test for, analyse for, plan, design and build the Project as contemplated in the Technical Specifications and Standards and the remaining provisions of the Contract.
5. Prior approval of the employer representative will be taken in case of increase in scope of work beyond the limit specified in GCC 3.1



6. You shall submit detailed design and drawings of new works or process required to fulfill the output requirement for each component and develop works specific ESHS-MSIP and code of conduct to employer's representative which will be approved by the employer i.e Zonal Chief Engineer after review of employer's representative. The design, construction and completion / commissioning of the Water Supply System shall be executed in compliance with International best practices and all relevant Indian legislation.
7. You shall submit average daily guaranteed power consumption for O&M period during submission of design and get it approved from the employer.
8. The allotment is for the entire works and Operation Service on " Single responsibility" basis such that the total lump sum allotted price, subject to any adjustments in accordance with the Contract, covers all Contractor's obligations mentioned in or to be reasonably inferred from the Bidding Document in respect of the design, manufacture, including procurement and subcontracting (if any), delivery, construction and completion of the Works and operation and maintenance of Works as set out in the conditions. This includes all requirements under the Contractor's responsibilities for testing, pre-commissioning and commissioning (as applicable) of the Works and, where so required by the Bidding document, the acquisition of all permits, approvals and licensed, etc, the operation, maintenance and training services and such other items and services as may be specified in the Bidding document, all in accordance with the requirements of the General Conditions of Contract. This includes all of the Contractor's *Environmental, Social, Health and Safety Obligations/ Table Clearances/ permissions required to be taken During Design Services Period* under the Contract.
9. The prior approval of Zonal Chief Engineer will be sought for additional and deviation in the quantity of any, whenever required.
10. All the material for this work is to be arranged by you, it's make and quality should be as per brands as stated in the approved Bid Document.
11. The Bill for electricity usage by the Water Supply System during the Operation and Maintenance Period (the " Electricity Dues"), Shall be paid by the Contractor to the relevant power utility (PSPCL).
12. The amount of the tender is restricted to Rs. **INR 384,03,55,000/-** (Design Build Cost Rs. **INR 318,00,00,000/-** and O&M Cost Rs. **INR 66,03,55,000/-**). Subject to the price adjustment as per clause GCC 13.

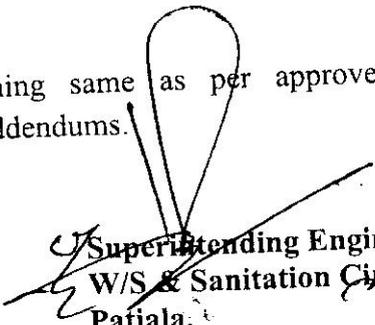


13. Time limit for completion of work for Design Build is 30 months (including 3 months trial run period) from the date of commencement (upto the date stated in the commissioning certificate) and thereafter Operation Service period of 120 months.
14. Latest editions amendments of all IS Codes shall be referred for execution of works at site.
15. All the above work shall be executed strictly as per terms and conditions of approved Bid Document and Addendum/ Corrigendum No. 2 to the entire satisfaction of Employer's representative.
16. Work shall be executed strictly as per Bid Document and Addendum/ Corrigendum No. 2, specification, terms and conditions, codal rules and guidelines of DWSS/ GoI/GoP/World Bank.
17. Inspection & testing of the material, should be done as per Clause GCC 7.
18. The Arbitration and Conciliation should be as per Bid Document Clause GCC 20.
19. Advance Payments should be as per clause GCC 14.
20. Performance Damages should be as per Appendix-4- Schedule of Performance Damages.
21. In case of any item which does not contain detailed technical specification of the work to be executed, the Contractor will get the approval for technical specifications for those items from Employer and the contractor shall give an undertaking that he would complete all the work as per the approved specifications.
22. The allotted amount are subjected to price adjustment, except for items mentioned at Sub Activity number 1.4 to 1.6, 1.9, 1.10, 2.7, 2.9, 2.12, 3.2, 3.4, 3.7, 4.4, 4.6, 4.7, 5.2, to 5.4, 5.6, 5.9 and 6.3, during the performance of contract as per Appendix2- Schedule of cost indexation (enclosed in the bid document).
23. If there is any discrepancy in item of tender, the work shall be got executed as per terms and conditions of approved Bid Document and Addendum/ Corrigendum No. 2.
24. The Design of water supply system shall be ensured to supply ultimate requirement of water for ultimate design period to all the OHSRs.
25. You shall ensure that compulsory water restrictions are not imposed in the Water Supply System for more than once in one year. Further filling of OHSRs of all schemes shall be



ensured, atleast twice a day in all seasons. You shall make his own assessment of equipment and works to be part of the project to ensure such requirements.

26. At the completion of the Water Supply Scheme, it delivers ultimate requirement into service reservoir of each village at sufficient head. It should be ensured that the water reaches all the OHSRs, ultimate requirement. Further filling of OHSRs of all schemes shall be ensured, atleast twice a day in all seasons. This water reaching OHSR's should meet IS-10500 standards with specific standards.
27. You will ensure that when water reaches at inlet of existing/ proposed OHSR of water works, the operator will test the Residual Chlorine and if ,it is less than one ppm then dosing shall be done by operator so as to make it 1 ppm.
28. The disposal of sludge is in the bidder scope. In case it is hazardous, bidder has to dispose off it at village Nimbuan, Block Dera Bassi, District SAS Nagar Punjab, specified by Punjab Pollution Control Board for the purpose.
29. Daily/ weekly/monthly samples of raw water and treated water should be tested for the parameters mentioned in the document in in-house laboratory at site. However, one sample in a month can be got tested from an NABL accredited Laboratory.
30. Minimum terminal pressure at bulk supply point will be 1.0 meters more than full supply level (FSL) of OHSRat all time.
31. The Contractor will provide all insurance policies as per Clause GCC 19 of Bid Document.
32. That daily/ weekly/monthly samples of raw water and treated water should be tested for the parameters mentioned in the document in in-house laboratory at site. However, one sample in a month can be got tested from an NABL accredited Laboratory.
33. The Contractor shall liaise with the third-party monitoring team to be engaged by DWSS Punjab (Employer) hereinafter referred to as the Independent Verification Agent (IVA).
34. The Contractor shall make arrangement of transport and, when appropriate, housing for Staff and Labour.
35. All other terms and conditions will be remaining same as per approved Bid Document/Minutes of Pre Bid Meeting along with Addendums.


Superintending Engineer
W/S & Sanitation Circle,
Patiala.

Endst No. 5855-60

Dated 27-7-2020

Copy of the above is forwarded to followings for information please:-

1. Chief Engineer (South) Department of W/S & Sanitation, Punjab, Patiala
2. Executive Engineer, W/S & Sanitation Division, Fatehgarh Sahib.
3. Executive Engineer, W/S & Sanitation Division, Rajpura.
4. Superintendent, W/S & Sanitation Circle, Patiala
5. Circle Head Draftsman, W/S & Sanitation Circle, Patiala
6. Copy of Agreement


27/7
Superintending Engineer
W/S & Sanitation Circle
Patiala
27/7/20
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