

Unpriced Bid Format (Schedule of Quantities & Rates), Rev. 0, dtd. 22.08.2024

Name of the Work: Operation & Maintenance of 6 no's of Sewage Treatment Plants for Raipur Development Authority, Raipur, Chhattisgarh

Tender reference no. T0AXX00040 dated:22.08.2024

S.No.	Description	UOM	Qty	Amount	% Weightage	Reference
1	Comprehensive Operation & Maintenance of STP-1: 7.40MLD	Set	1		15.5602514%	STP-1_7.4MLD'
2	Comprehensive Operation & Maintenance of STP-2: 4.33MLD	Set	1		14.0891249%	STP-2_4.33MLD'
3	Comprehensive Operation & Maintenance of STP-3: 7.05MLD	Set	1		15.4075236%	STP-3_7.05MLD'
4	Comprehensive Operation & Maintenance of STP-4: 1.79MLD	Set	1		19.4083906%	STP-4_1.79MLD'
5	Comprehensive Operation & Maintenance of STP-5: 0.872MLD	Set	1		18.6706197%	STP-5_0.872MLD'
6	Comprehensive Operation & Maintenance of STP-6: 3.98MLD	Set	1		16.8640898%	STP-6_3.98MLD'
	Total (Excl. Taxes)				100.00%	
	Bidder to confirm having quoted their price in BHEL NIC portal (https://eprocurebhel.co.in) in the manner described in Note: 1 below, by writing "QUOTED" here					
Note:						
1	Bidders should quote only the percentage excess or less, wrt to the estimated value Rs.6,77,95,960.00 in the specified place in BHEL NIC Portal . They should not fill/quote/write anything in col. of Abstract sheet as well as abstract & individual sub sheets of the Unprice Bid Format. These rates & amount will be derived from the Total amount quoted (percentage excess or less) or weightage factor assigned against respective items indicated in weightage . (Bidder to quote the total price in BHEL NIC portal https://eprocurebhel.co.in)					
2	The rate and amount are inclusive of all applicable taxes, except for the GST. For details of taxes, clause no. 13.0 of the SCC will be applicable.					
3	Evaluation Shall be based on total amount quoted by bidder.					

UnPrice Bid Format(SOQR) for STP1: 7.4MLD at RDA Raipur

S.no	Description	UOM	Qty	Unit Rate	Amount	Weightage
1	<p>Comprehensive Operation & Maintenance of STP-1 (7.40MLD). The broad scope is as follows:</p> <p>1. Operation and Maintenance of the STP-1 (7.40MLD) of Raw Sewage Pumping Station and Sewage Treatment Plant based Sequential Batch Reactor (SBR) Technology as a whole, including Disposal of Plant Residuals (e.g. Screenings, Grit and Dewatered Sludge), Providing the technical, non-technical, supervisory manpower for plant's O&M, attending all the repairs and maintenance, round the clock watch and ward as specified in the contract, General Maintenance of Civil Structures, Preventive and Breakdown Maintenance of Mechanical Equipment, Electrical Items, Field Instruments etc., Cost of Collection, Analysis, Reporting, Monitoring and Maintaining Record of Samples from the Raw Sewage and Treated Sewage daily collected at least for one time a day from the Entry and Exit of the STP Units thereon as per the terms and conditions specified in the TCC.</p> <p>2. Providing all kinds of spares (Electrical, mechanical, as and when required), Repair Works (All required civil, mechanical, and electrical works as and when required), as specified in the TCC and Annexures</p>	Months	60			76.8659821%
2	Providing chemicals, and consumables for successful operation and maintenance as specified in the TCC and Annexures	Months	60			23.1340244%
	Total (Excl Taxes)					100.00%

Unprice Bid Format for STP2: 4.33MLD at RDA Raipur

S.no	Description	UOM	Qty	Unit Rate	Amount	Weightage
1	<p>Comprehensive Operation & Maintenance of STP-2 (4.33MLD). The broad scope is as follows:</p> <p>1. Operation and Maintenance of the STP-2 (4.33MLD) of Raw Sewage Pumping Station and Sewage Treatment Plant based Sequential Batch Reactor (SBR) Technology as a whole, including Disposal of Plant Residuals (e.g. Screenings, Grit and Dewatered Sludge), Providing the technical, non-technical, supervisory manpower for plant's O&M, attending all the repairs and maintenance, round the clock watch and ward as specified in the contract, General Maintenance of Civil Structures, Preventive and Breakdown Maintenance of Mechanical Equipment, Electrical Items, Field Instruments etc., Cost of Collection, Analysis, Reporting, Monitoring and Maintaining Record of Samples from the Raw Sewage and Treated Sewage daily collected at least for one time a day from the Entry and Exit of the STP Units thereon as per the terms and conditions specified in the TCC.</p> <p>2. Providing all kinds of spares (Electrical, mechanical, as and when required), Repair Works (All required civil, mechanical, and electrical works as and when required), as specified in the TCC and Annexures</p>	Months	60			84.8920010%
2	Providing chemicals, and consumables for successful operation and maintenance as specified in the TCC and Annexures	Months	60			15.1080013%
	Total (Excl Taxes)					100.00%

Unprice Bid Format(SOQR) for STP3: 7.05MLD at RDA Raipur

S.no	Description	UOM	Qty	Unit Rate	Amount	Weightage
1	<p>Comprehensive Operation & Maintenance of STP-3 (7.05MLD). The broad scope is as follows:</p> <p>1. Operation and Maintenance of the STP-3 (7.05MLD) of Raw Sewage Pumping Station and Sewage Treatment Plant based Sequential Batch Reactor (SBR) Technology as a whole, including Disposal of Plant Residuals (e.g. Screenings, Grit and Dewatered Sludge), Providing the technical, non-technical, supervisory manpower for plant's O&M, attending all the repairs and maintenance, round the clock watch and ward as specified in the contract, General Maintenance of Civil Structures, Preventive and Breakdown Maintenance of Mechanical Equipment, Electrical Items, Field Instruments etc., Cost of Collection, Analysis, Reporting, Monitoring and Maintaining Record of Samples from the Raw Sewage and Treated Sewage daily collected at least for one time a day from the Entry and Exit of the STP Units thereon as per the terms and conditions specified in the TCC.</p> <p>2. Providing all kinds of spares (Electrical, mechanical, as and when required), Repair Works (All required civil, mechanical, and electrical works as and when required), as specified in the TCC and Annexures</p>	Months	60			77.6279193%
2	Providing chemicals, and consumables for successful operation and maintenance as specified in the TCC and Annexures	Months	60			22.3720873%
	Total (Excl Taxes)					100.00%

Unprice Bid Format(SOQR) for STP4: 1.79MLD at RDA Raipur

S.no	Description	UOM	Qty	Rate	Amount	Weightage
1	<p>Comprehensive Operation & Maintenance of STP-4 (1.79MLD). The broad scope is as follows:</p> <p>1. Operation and Maintenance of the STP-4 (1.79MLD) of Raw Sewage Pumping Station and Sewage Treatment Plant based Sequential Batch Reactor (SBR) Technology as a whole, including Disposal of Plant Residuals (e.g. Screenings, Grit and Dewatered Sludge), Providing the technical, non-technical, supervisory manpower for plant's O&M, attending all the repairs and maintenance, round the clock watch and ward as specified in the contract, General Maintenance of Civil Structures, Preventive and Breakdown Maintenance of Mechanical Equipment, Electrical Items, Field Instruments etc., Cost of Collection, Analysis, Reporting, Monitoring and Maintaining Record of Samples from the Raw Sewage and Treated Sewage daily collected at least for one time a day from the Entry and Exit of the STP Units thereon as per the terms and conditions specified in the TCC.</p> <p>2. Providing all kinds of spares (Electrical, mechanical, as and when required), Repair Works (All required civil, mechanical, and electrical works as and when required), as specified in the TCC and Annexures</p>	Months	60			61.6256146%
2	Providing chemicals, and consumables for successful operation and maintenance as specified in the TCC and Annexures	Months	60			38.3743906%
	Total (Excl Taxes)					100.00%

Unprice Bid Format(SOQR) for STP5: 0.872MLD at RDA Raipur

S.no	Description	UOM	Qty	Rate	Amount	Weightage
1	Comprehensive Operation & Maintenance of STP-5 (0.872MLD). The broad scope is as follows: 1. Operation and Maintenance of the STP-5 (0.872MLD) of Raw Sewage Pumping Station and Sewage Treatment Plant based Sequential Batch Reactor (SBR) Technology as a whole, including Disposal of Plant Residuals (e.g. Screenings, Grit and Dewatered Sludge), Providing the technical, non-technical, supervisory manpower for plant's O&M, attending all the repairs and maintenance, round the clock watch and ward as specified in the contract, General Maintenance of Civil Structures, Preventive and Breakdown Maintenance of Mechanical Equipment, Electrical Items, Field Instruments etc., Cost of Collection, Analysis, Reporting, Monitoring and Maintaining Record of Samples from the Raw Sewage and Treated Sewage daily collected at least for one time a day from the Entry and Exit of the STP Units thereon as per the terms and conditions specified in the TCC. 2. Providing all kinds of spares (Electrical, mechanical, as and when required), Repair Works (All required civil, mechanical, and electrical works as and when required), as specified in the TCC and Annexures	Months	60			64.0607554%
2	Providing chemicals, consumables, chemicals and reagent for Lab-1, Spare Lab equipment, instrument and glass ware spare (Lab-1) for successful operation and maintenance as specified in the TCC and Annexures	Months	60			35.9392456%
	Total (Excl Taxes)					100.00%

Unprice Bid Format(SOQR)Cost Estimate for STP6: 3.98MLD at RDA Raipur						
S.no	Description	UOM	Qty	Rate	Amount	Weightage
1	<p>Comprehensive Operation & Maintenance of STP-6 (3.98MLD). The broad scope is as follows:</p> <p>1. Operation and Maintenance of the STP-6 (3.98MLD) of Raw Sewage Pumping Station and Sewage Treatment Plant based Sequential Batch Reactor (SBR) Technology as a whole, including Disposal of Plant Residuals (e.g. Screenings, Grit and Dewatered Sludge), Providing the technical, non-technical, supervisory manpower for plant's O&M, attending all the repairs and maintenance, round the clock watch and ward as specified in the contract, General Maintenance of Civil Structures, Preventive and Breakdown Maintenance of Mechanical Equipment, Electrical Items, Field Instruments etc., Cost of Collection, Analysis, Reporting, Monitoring and Maintaining Record of Samples from the Raw Sewage and Treated Sewage daily collected at least for one time a day from the Entry and Exit of the STP Units thereon as per the terms and conditions specified in the TCC.</p> <p>2. Providing all kinds of spares (Electrical, mechanical, as and when required), Repair Works (All required civil, mechanical, and electrical works as and when required), as specified in the TCC and Annexures</p>	Months	60			70.9231281%
2	Providing chemicals, consumables, chemicals and reagent for Lab-2, Spare Lab equipment, instrument and glass ware spare (Lab-2) for successful operation and maintenance as specified in the TCC and Annexures	Months	60			29.0768770%
	Total (Excl Taxes)					100.00%