

EKRM Water Solution & Engineering

Section 6. Bill of Quantities

Bill of Quantities

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Item no.	Group	Item Code (if any)	Description of Item	Measurement Unit	Quantity	Unit Price (In figures: BDT)	Unit Price (In words: BDT)	Total Price (In figures: BDT)	Total Price (In words: BDT)
1	EM	N/A	Cleaning of packed up well.	m	80.000	751.564	Seven Hundred and Fifty-One point Five Six Four	60125.120	Sixty Thousand One Hundred and Twenty-Five point One Two
2	EM	N/A	Chemical treatment and cleaning of well (Washing with dispersant) using Sodium Hexameta Phosphate/ Sulfamic acid and other required chemicals.	cum	105.600	4149.833	Four Thousand One Hundred and Forty-Nine point Eight Three Three	438222.365	Four Lakh Thirty-Eight Thousand Two Hundred and Twenty-Two point Three Six Five
3	EM	N/A	Mechanical Cleaning from reducing cone to Bail Plug by high velocity hydraulic jetting or by surging method for Stabilizing, rearranging and shuffling of gravel (surrounding the screen), including lowering & lifting of wash pipe.	m	390.000	3651.486	Three Thousand Six Hundred and Fifty-One point Four Eight Six	1424079.540	Fourteen Lakh Twenty-Four Thousand AND Seventy-Nine point Five Four
4	EM	N/A	Development by Over Pumping: Carrying out step pumping at increasing rates from 75% to 150% of design capacity of the tube well by installing a high-capacity pump of about 43 Liter per second (1.5 cusec) with 110-meter head or required head for a minimum of 12 hours, all complete in accordance with Technical Specification and	hour	96.000	8672.215	Eight Thousand Six Hundred and Seventy-Two point Two One Five	832532.640	Eight Lakh Thirty-Two Thousand Five Hundred and Thirty-Two point Six Four

			accepted by the Project manager/Project Director. Measurement shall be taken in hours to complete the development by over pumping. Development including positive back wash as described below as per direction of the E/C. 1st Stage 1.5 Cusec 4.00 Hrs. 2nd Stage 2.50 Cusec 4.00 Hrs. 3rd Stage 3.00 Cusec 4.00 Hrs.						
5	EM	N/A	Step Drawdown and Discharge Test: Carrying out step drawdown test at 100%, 125% and 150% of the design well capacity for continuous pumping at each step and a constant discharge test at the design well capacity for 8 hours continuous pumping including discharge measurement, water level measurement, sand test, recording of test results, water testing, etc. all complete in accordance with Technical Specification and accepted by the Project Manager/Project Director. Measurement shall be taken in hours to complete the step drawdown test. The rate is inclusive of discharge test. Carry out step discharge test as described below as per direction of the E/C. 1st Stage 2.00 Cusec 4.00 Hrs 2nd Stage 2.50 Cusec 4.00 Hrs 3rd Stage 3.00 Cusec 4.00 Hrs	hour	96.000	6632.128	Six Thousand Six Hundred and Thirty-Two point One Two Eight	636684.288	Six Lakh Thirty-Six Thousand Six Hundred and Eighty-Four point Two Eight Eight
6	EM	N/A	Disinfecting the well shall be carried by the contractor at the	L/S	8.000	4194.254	Four Thousand One Hundred	33554.032	Thirty-Three Thousand Five

			end of discharge test according to the technical specification and as per direction of the E/C.				and Ninety-Four point Two Five Four		Hundred and Fifty-Four point Zero Three Two
7	EM	N/A	Supply and installation 37mm dia best quality flexible pipe for LIT.	m	440.000	105.375	One Hundred and Five point Three Seven Five	46365.000	Forty-Six Thousand Three Hundred and Sixty-Five
8	EM	N/A	Supply and installation of 200mm dia best quality PVC Rubber Gasket.	nos	144.000	295.353	Two Hundred and Ninety-Five point Three Five Three	42530.832	Forty-Two Thousand Five Hundred and Thirty point Eight Three Two
9	EM	N/A	Mobilization for Re-generation work: Rig, Jetting equipment?s, Compressor, Wash pipe, Vehicle and other Supporting Equipment to the works site and clearing the site for work with necessary Re-construction of Boundary Wall and Opening & Reinstallation of existing Delivery line along with other parts as per direction of the E/C.	L/S	7.000	102577.757	One Lakh Two Thousand Five Hundred and Seventy-Seven point Seven Five Seven	718044.299	Seven Lakh Eighteen Thousand AND Forty-Four point Two Nine Nine
10	EM	N/A	Lifting and Reinstallation of existing Sub-mersible pump before and after Re-generation work, complete in all respect as per direction of the Engineer-in charge.	site	8.000	22627.217	Twenty-Two Thousand Six Hundred and Twenty-Seven point Two One Seven	181017.736	One Lakh Eighty-One Thousand AND Seventeen point Seven Three Six
11	EM	N/A	Labor charge for site cleaning and removing the waste materials from the site complete as per direction of the Engineer-in charge.	L/S	6.000	8401.358	Eight Thousand Four Hundred and One point Three Five Eight	50408.148	Fifty Thousand Four Hundred and Eight point One Four Eight
							Grand Total:	4463564.000	Forty-Four Lakh Sixty-Three Thousand Five Hundred and Sixty-Four

*** Note:** All applicable taxes, custom duties, VAT and other levies payable by the Contractor under the Contract shall be included in the unit prices submitted by the Tenderer.

This Section 6. Bill of Quantities is Electronically Signed by Mr. MD. ALAM on behalf of EKRM Water Solution & Engineering