

**ISLAMIC RELIEF, BANGLADESH**

Humanitarian Programs

Sustainable Safe Water and Hygiene Promotion Facilities for the Flood Affected People in Char Area, Bangladesh Project

Scope of Work: Installation of Semi Tube-well (STW) at Astomir Char Union of Chilmari Upazila under Kurigram District.

Purchase Order#

Dated#

**Bill of Quantities (BOQ)**

SL	Descriptions	Unit	QTY	Tube well	Unit Rate	Total Amount
			(A)	(B)	(C)	D=AxBxC
1	<b>uPVC Blind Pipe (Rising and Sand Trap)</b> Supplying & lowering of PVC pipe of dia 1.5" (D Grade-Water Class, Brand: RFL/Bashundhara/National Polymer or any approved brand (by IR) including required Solvent Cement (Adhesive Glue) & Coarse Sand with fitting and fixing. Wall thickness of pipe: 2.5mm - 03 mm, Surface of the pipe should be smooth and free from any kind of defects. The length may be vary based on the under ground aquifer. all complete as per direction of Engineer In charge (EIC)	Rft	50	47.00	2350	68150 TK
2	<b>PVC Strainer</b> Supplying, fitting and lowering of the PVC Strainer (water grade) of 38 mm dia with uniform thickness (2.5mm - 3 mm) without any defect. Length may be vary based on the situation of under ground aquifer.	Rft	10	47.00	82.00	19790 TK
3	<b>GI Pipe</b> Supplying and lowering the Galvanised Iron (GI) pipe having physical, chemical, thermal, fire resistivity properties etc. as per BSTI approved manufacturer standards of ASTM, BS/ISO/IS standards fitted of 38 mm, uniform thickness (2.5mm to 2.9 mm), MS welded rod (12 mm in diameter) at end to prevent from rotation, without any defect with fitting and fixing in position, all complete as per direction of Engineer In Charge.	Rft	4	47.00	200.00	37600 TK
4	<b>Tube well Head</b> Supplying of Tube-well complete Head (No-6), Brand: RFL (Heavy Type), Minimum weight # 28 Kg (Full pump Set). The pump should be free from any defects such as cavity, cracks etc. Inner side of the barrel should be smooth. Back washing should be until withdrawing doing fresh water (without sand), painting of the Tube-well Head (2-Coats, Coloring-Bluish/ As per instruction), all complete as per direction of the Engineer-In-charges.	No.	1	47.00	4000.00	188000 TK
5	<b>Construction of concrete Raised Platform (5'-0" x 5'-0")</b> Earth cutting and Earth filling and Construction of concrete platform (5'-0" x 5'-0") with stair will be constructed with 19 mm downgraded brick chips (1st class), coarse sand (FM=1.2-1.5) and ordinary portland cement in proportion of 1:2:4 as per attached design and specification including plastering (6mm thick, 1:4) & neat cement finishing (NCF) to the outer visible surface which laying above the Ground level and 07 days curing (two times each day). Brick chips and Sand will be netted and washed accordingly, all complete as per design and specification and as per direction of Engineer In Charge.	No.	1	47.00	8550	401850 TK
5	<b>Tube well Installation</b> Made Boring/Drilling by using GI pipes and another materials such as bentonides, Sample soil collection at 1000 mm interval and filling the boring voids around the pipe by Coarse sand (lower 6 m), clay (top 6 m) and local clay (middle part). contractor should ensure safe water in boring. all complete as per direction of Engineer In Charge.	Rft	60	47.00	2820	69860 TK



Handwritten signature and date: 27/08/2014

Handwritten signature and date: 09/08/2014