



TWD

P U R C H A S E R E Q U E S T

Department: ENGINEERING

PR No: 2020 - 168

Section: Maintenance

Date: 8-Sep-20

Stock No	Unit	Item Description	Qty	Estimated Unit Cost	Estimated Total Cost
1	lot	<p><b>Drilling of one ( 1 ) Production Deep Well</b></p> <p><b>Depth = 130 meters</b></p> <p><b>Casing Diameter = 10 "</b></p> <p><b>Scope of Work :</b></p> <ol style="list-style-type: none"> <li>1. Mobilization of one (1) rotary drilling unit including all accessories and staff to project site</li> <li>2. Site preparation and Equipment setting</li> <li>3. Drilling of 100mm diameter pilot hole including strata sampling</li> <li>4. Geophysical borehole logging</li> <li>5. Boring of 100mm (4") pilot hole to 400 mm (16") dia borehole</li> <li>5. Installation of 250mm ( 10" ) dia UPVC Pipe casing and screen</li> <li>1. Furnishing and installation of gravel packing materials at annulus around casings and screen including 50mm dia gravel fill-up pipe, 15 meters</li> <li>8. Deffoculates of drilling mud by water jetting appropriate mud thinner surfactant at 10 bags per application</li> <li>9. Development by high velocity water jetting, 12 hrs</li> <li>10. Development by surging and bailing out of settlement, 12 hrs</li> <li>11. Step drawdown pumping test, 5 steps @ 1 hour duration per step</li> <li>12. Continuous constant rate discharge pumping test, Q=5 to 10 lps, 12 hrs</li> <li>13. Cement grouting of well annulus, 15 meters</li> <li>14. Demobilization including site clean-up</li> </ol>	1	1,300,000.00	1,300,000.00

**Purpose:**

*For Drilling of one production deep well @ Barangay Calipohan*

Requested by:  
RENE A VILLEGAS

SWDDO

Approved by:

Signature over Printed Name/ Designation

ENGR LEANDRO JUN CLACSAMANA  
General Manager