

Annex C - Financial Proposal Form

Extension of Box Culvert (1.9*1.2)m inner dimensions in Qushtapa Refugee camp, Erbil, Iraq

No	Item descriptions	Unit	Qty.	Unit Price USD	Total Amount USD
A	Civil Works				
1	Site preparation: Providing equipment and required machines for removing the exist asphalt road and grading +/- 20cm ground level for preparing the divert way approximately 200ml, 7m width with good watering and compaction (95% MDD), transporting debris to location in Qushtapa District of the municipality. All the works should be carried out as per the instructions and satisfaction of the supervisor engineer.	LS	1		
2	BASE Works (Crushed Gravel R7): Providing materials, equipment and required machines for spreading and laying a layer of crushed gravel (R7) maximum size of 2.5cm mixed with the filler/binder materials (stone dust) with compacted thickness of 7.5cm with watering for divert way .All the works should be carried out as per the instructions and satisfaction of the supervisor engineer. The contractor will be responsible to keep and maintain the divert way surface in good and acceptable shape.	M ²	1400		
3	Excavation Works: Providing materials and required machines for excavating the trench average 2.0m deep and 3.5m width as per the design and site requirements. Excavation in all types of soils such as (concrete slabs, foundations, asphalt and even rock layers) and transporting debris to an appropriate location outside of municipality. The work includes grading and levelling of the foundation base with good watering and compaction to 95% MDD. All the works should be carried out as per the instructions and satisfaction of the supervisor engineer.	M ³	470		
4	Boulder Works: Providing machinery, equipment's and material to spread bolder of (0.35)m thickness layer for the base and 0.5m thickness for two sides of the culvert with good compaction. All the works should be carried out as per the instructions and satisfaction of the supervisor engineer.	M ³	100		
5	Lean Concrete Works: Provide Material and equipment to casting lean concrete (10)cm thickness with mix ratio of 1:4:8 and minimum cylinder strength (28 days) of 170kg/cm ² under the culvert bed. All the works should be carried out as per the instructions and satisfaction of supervisor engineer.	M ²	100		

6	Reinforced Concrete(RCC) Works: Providing material and equipment to cast in situ 1:2:4 concrete for culvert box ,inner dimensions (1.9width*1.2 height)m slab & wall thickness 25cm with double net of steel bars (grade 60) ,16mm@25cm c/c as main bars & 12mm dia steel bars @25cm c/c as a distribution bars, also chamfer bars of dia 16cm @ 30 cm c/c .The desired minimum 28 days cyliner strength of 210 Kgs/cm ² needs to be ensured. The work is for culvert structure, the wings dimensions (3.6 length * 1.7 height) m, keys and attached water drop pit for the open channels. The work includes making 4m ² of movable concrete cover, using vibrator while casting and wooden formwork by using plywood sheets to get fairface surface, breaking ends of old culvert with two wings (if needed, extending steel bars and connecting them to new reinforced bars of new culvert with using rubber water stop sealant/coating for the joints. All the works should be conducted according to the instructions of supervisor engineer.	M ³	67		
7	Water Proofing (Flint Coat): Providing materials and manpower for laying two layers of waterproofing materials (flint coat) for exposed faces of the box culvert that facing soil, All the works should be conducted according to the instructions of supervisor engineer.	M ²	200		
8	Manhole Works: Provide materials and manpower for raising wall by solid concrete block for the three exist manholes (1.6*1.6)m according to the design level, the work includes removing the covers and re-installing it after raising the wall with cement plastering both sides and extending 1.5m of corrugated pipe SN8, diameter 80cm. All the works should be conducted according to the instructions of supervisor engineer.	LS	1		
9	Backfilling Works: Provide machinery, equipment's and material to backfilling with clean soil by layers each 25cm with good watering and compaction 95% MDD for the road, shoulders and box culvert as per the design and required levels of the main road. All the works should be carried out as per the instructions and satisfaction of the supervisor engineer.	M ³	3,100		
10	Subbase Works Type(B): Provide machinery, equipment's and material to laying a layer of 25cm thick sub-base materials type (B) for the road & over box culvert with good watering and compaction 95%MDD as per the design and required levels of the main road. All the works should be carried out as per the instructions and satisfaction of the supervisor engineer.	M ²	2,100		
11	Construction of Road side Surface Channel: Supply materials, equipment's, tools and labors for constructing Trapezoidal -type open channel along the road for collecting and draining storm water outside the camp and connecting to the pits . The work includes excavating for the channel, levelling, grading, watering and compaction of bed with 95% MDD. Laying layer of Sub Base material (10 cm) thick compacted to 95% MDD for the channel bed and Laying concrete (1:2:4) in the channel with min cylinder (28 days)strength of 210 Kg/cm ² and 12 cm thick with bottom width of 40 cm, top width of 80 cm and depth of 40 cm. All the works should be carried out as per the instructions and satisfaction of the supervisor engineer.	ML	50		

12	Road Concrete Pavement: Provide material and equipment to casting rigid pavement of 15 cm thickness of reinforced concrete (1: 2: 4) having 28 days minimum cylinder strength 210kg/cm2 by using steel bars (grade 60) Dia.(12)mm@25cm c/c in both directions for the main road over box culvert .The work includes form work and using cutter for making joints every 3.5m with thickness not less than 6 cm. All the works should be carried out as per the instructions and satisfaction of the supervisor engineer.	M ³	158		
GRAND TOTAL IN USD					

Company Name: -----	Authorized person: -----
Offer Validity for 90 days: Yes <input type="checkbox"/> No <input type="checkbox"/>	
Date: -----	Signature: Stamp:
E-mail: -----	