



		CIRAM - Comprehensive and Integrated Response to Address Malnutrition – Al-Dhale'e governorate			
Quantity of RC Communal Taps, 6 Taps		Annex 3		Water Sources Rehab.	
كميات مناهل عامة من الخرسانة المسلحة 6 حنفيات		ملحق 3		تأهيل مصادر مياه	
#	Items details بنود الأعمال	Unit الوحدة	Quantity الكمية		
	<p>السعر يشمل بما في ذلك العمال والآلات والمعدات ، و المواد ، وكل ما يلزم لتحقيق العمل والقيام بكل الجهود لإنهاء العمل بأفضل طريقة ووفقا للرسومات والمواصفات وتعليمات المهندس المشرف.</p>				
3.1	site leveling in lump sum: include remove the stones, the trees, and all that hampers work, with moving these materials out of the site to authorized places for such waste, and do all efforts to finish the work in the best way.	L.S	1.0		
3.2	Excavation and backfilling works in cubic meters: Excavation works : Excavation of any kind of soil :soily, rocky, concrete, etc.,and remove the surplus outside the site to the designated site ,With the leveling of the excavation floor and well compaction of ground floor before starting concrete work ,the price includes the backfilling Backfilling works : backfill with suitable and clean material, in layers not more than 25 cm and then sprayed with water and well compact (work using labor or Hand compactors) and all the works according to the drawings , specifications and instructions of ACTED engineer.	m3	1.2		
3.3	The reinforcement concrete works in cubic meters : Provision and implementation of reinforcement concrete for ground , beams and slab , by Portland Cement resistance of not less than 200 kg/ cm2 proportions mixing (1: 1.75: 3.5) (Cement - sand - Gravel) and include curing for two weeks twice daily. includes irregular stones (solange) under the ground and all necessary in accordance with the drawings and specifications and guidance of the supervisor engineer.	m3	1.0		
3.4	Supply and implement ceramic tiles , the item including sand bed, mortar don't less 3cm in thickness with mixing ratio of 1: 4 (cement: sand) , white cement high quality, pointing, grinding and polishing ,with spray twice daily for three days all equipment . and includes all material and labor required to complete the works as otherwise instructed in full compliance with the Specification and as per the site engineer and the drawings. Note : Ceramic tiles must be granular (no-slippery) for the floor.	m2	12.0		
3.5	Supply and installation of galvanized steel pipe 2 inch diameter according to British standers NO BS-1378 from tank to taps. The work includes all fitting, metal box and everything needed to finish the work as directed by the supervisor engineer	L.M	6.0		
3.6	Supply and installation of Gate valve 2 diameter, high resistant, working pressure not less than 15 Bar , according to British standers NO BS-5163 and screwed according to British standers NO BS-21	NO	1.0		
3.7	Supply and installation of Taps 0.5 inch, working pressure not less than 25 Bar high resistant , according to British standers NO BS-5163 and screwed according to British standers NO BS-21 the work include reduce and all that is necessary to finish the work as directed by the engineer supervisor	NO	6.0		
3.8	Implementation of Sunshade (umbrella) above of taps, the work include 1- Steel columns of panel size 100*50*1.5 mm supported with RC foots size 25*25*30 cm * (4) 2- beams, rectangular steel tube size 25*50*1.2 mm every 40 cm 3- Frame, rectangular steel tubes size 40*80*1.2 mm 4- galvanized white zinc (Shinku) thickness (0.4) mm . With slope of 5% The work include all that is necessary to finish the work as the specification and drawings and directed by the ACTED engineer.	m2	9.0		
3.9	Implement of irrigation basin for animals 1x1x0.3 meters, stone walls thickness 30 cm, floor of reinforcement concrete, plastering and paint inside and outside the walls, includes installation of HDPE pipes 2 inch diameter and 10 m length for the disposal of water surplus, and the work includes all the necessary to finish the work according to drawing, specifications and the instruction of ACTED engineer	L.S	1.0		

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#	Items details بنود الأعمال			Unit الوحدة	Quantity الكمية		
3.10	Supply and install UPVC pipes 3 inch diameters according to B.S 4517 or Din 19531 , 19534 class 3 , including accessories of same quality, wall brackets , fittings and all related civil works as per the engineer instructions.			توريد وتركيب انابيب تصريف UPVC قطر 3 هنش مطابق للمواصفات البريطانية رقم BS_4517 او الالمانية DIN 19531 , شامل مشن الارضية والملحقات بنفس الجودة , التجهيزات , وكل الاعمال المتعلقة حسب تعليمات المهندس .			

توريد وتركيب انابيب تصريف UPVC قطر 3 هتش مطابق للمواصفات البريطانية رقم BS_4517 او الالمانية DIN 19531 , 19534 class 3 , including accessories of same quality, wall brackets , fittings and all related civil works as per the engineer instructions .