

Save the Children International
Ninawa Field Office

Bill of Quantities for extension and repair of Water networks in Sinjar city



For interested suppliers/companies, the following documents are a must to apply:
1- ID chamber of commerce, or company registration
1- Company rating statement (ID)
3- Company's bank account * most recent bank statement.
4- Preferably if the supplier/company has similar projects to share along with application documents.

Notes:

- 1- Iraqi General Technical Specifications (I.G.T.S.) guidelines applies to this BoQ.
- 2- All materials provided shall be inspected and approved by Save the children engineer and DoW engineer .
- 3- The materials shall be tested and approved by the National Center of Construction Laboratories (NCCCL) when required.
- 4- All the materials shall be new and deemed to be of best available type in the local market (or as approved by the DoW and SCI engineer).
- 5- The item description herein after means "Supply of all materials, manpower, transportation, equipment, tools, machinery, temporary works and all the other implementation related works", as approved by the Engineer.
- 6- In case of differences between bill of quantities and contract documents, the drawings (if existed) will govern. Unless specific requirements of the Engineer were addressed.
- 7- Sanctioned Countries - Iran, Syria, North Korea, Cuba, Somalia ,)

Expansion of water networks in the Neighborhood (Zarraai, Yarmouk and Taakhi) in Sinjar district

توسيع شبكات المياه في الحياء (الزارعي و اليرموك و التاخي) في قضاء سنجر

NO.	Items description	Unit	Quantities	Unit Cost	Total cost (IQD)
1	Supply and install the materials : Supply of all material, manpower, install 110 mm diameter 10 bar new polyethylene pipes (PE100, EN 12201.2 SDR17, PN10), ISO certified , with all connections best Quality durable (Turkish or equivalent)type, all pipes shall be tested at laboratory examination under the supervision of the supervising engineer, It is the responsibility of the supplier provide pipe and fitting catalog include all their specifications and origin certificate. The price include supplying & installing all necessary connection (T section, Johnson Kopein, elbow, adapter, closer, flange, etc ...) and connect with the old pipeline (Polyethylene 160mm diameter) and supply all the workers with safety requirements (safety shoes, sunglasses, hard hat, green work suit, vista, safety gloves). The examination shall be carried out within laboratories approved by DoW and number of samples shall be according to Iraqi specifications. Installation of pipes : Supply material and equipment and manpower for the works of installing pipes, along the path of the pipeline and preparation of all the requirements for welding the pipes using materials and thermal machines dedicated to the connection of polyethylene pipes, then putting of the welded pipes to the bottom of the digging and extends straight, surround all sides of pipes with fine sand ,thickness 15cm, and laying on the top of fine sand a warning tapes of DoW , . The price includes supplying all the workers with safety requirements (safety shoes, sunglasses, hard hat, green work suit, vista, safety gloves) all works should be done according to instructions of Supervising engineer.	ML	4820	-	-
2	Cut Works : Cut the Asphalt or concrete filling of the sidewalks with length of 3320 (width 60 cm and minimum depth 30 cm), for the pipe path two sides using a cutter machine , and break all the asphalt and concrete by using rock breaker or jackhammer ,remove all debris to the site approved by local authorities.	ML	3320	-	-

النشكات(المحيزين المهيمنين) بالتقديم، الزياء تقديم المستمكتات (المقتنيات) التالية مع ورقة التقديم:

- 1- شهادة تأسيس الشركة، أو هوية تجارة التجار.
- 2- هوية تصديق الشركة.
- 3- الحساب المصرفي للشركة + كشف حساب مصرفي حديث.
- 4- يفضل من الشركات التي لديها أعمال مشابهة ان يجيزنا بنسخ رول قفها مع ورقة التقديم.

Lead

NO.	Items description	Unit	Quantities	Unit Cost	Total cost (IQD)
3	Excavation works : excavate and drill all types of soil, break all rocks and concrete if found , with dimensions (width 0.6 ' depth 1' meter measured from the top of the pipe) remove all debris if any on the path of pipeline to the site approved by local authorities. The work includes supplying and installing safety wall plastic net to both digging sides ,80 cm height, and warning tapes, supply traffic signs, excavation signs and supply and install SCI signs ,according to SCI specifications , in coordination with supervision engineers	M3	2892	-	-
4	Backfilling : Supply all material and equipment to backfilling the pipe line by granular material Type B, by each one 20cm to reach the appropriate level according engineer instructions with compaction for each layer by handy compacting machine with watering for each layer before compacting to reach max. dry density, all the works needed to complete the job within the price and everything should be according to the instructions of the supervising engineer.	M3	2892	-	-
5	Concrete work : Supply all requirement material for casting concrete 20 cm thickness or asphalt if needed, according to DoM instructions: for concrete base above sub base for pipeline path with mixing ratio (1:2:4) and concrete grade M20 the work include supply and spreading layers with good compaction materials approved by DoM, all works and thickness and quality of materials should be according to DoM specifications and the works should be approved by DoM engineers.	M3	399	-	-
6	Manhole construction: construct new Manhole of reinforcement concrete M25 and mixing ratio (1:2:4) with dimensions (1.2x1.2) m of from inside and with Wall high 1.2 m, casting concrete base 30 cm thickness with two layer of reinforcement bars 12mm with 20cm spacing in two directions and using water stop, and for wall casting concrete 20 cm thickness with two layer of reinforcement bars 12mm@150mm in two directions, and for roof casting concrete 25 cm thickness with two layer of reinforcement bars 12mm@150mm in two directions, the price including install manhole covered and all works and materials needed to complete the job under instructions of engineer.(See Drawing No. 001)	No.	-2	-	-
8	Gate valve Supply and install flanged polyethylene valve 110 mm diameter, 16bar, steel and according to Iraqi standard specifications price including supply and fix all necessary accessories to connect the valve to the water pipe from two sides under instructions of Save the Children and DoW engineers 1. Zraee NBH (6 Gate valves) 2. Al Naser NBH (1Gate valve) 3. Yarmok North NBH (1 Gate valve) 4. Yarmok NBH (1 Gate valve) 5. Rofhail NBH (2 Gate valves) 6. Taakhi NBH (1 Gate valve)	No	-2	-	-

NO.	Items description	Unit	Quantities	Unit Cost	Total cost (IQD)
	Total (IQD)				IQD

Handwritten signature