Annex E attached | Technical response

Invitation to Bid
Supply Agreement for Agricultural Irrigation Network Components, Including Submersible Pump and Accessories
NO: ITB/FMF/ADE/200110/2026 :
اتفاقية توريد مكونات شبكة ري زراعية مع الغطاس وملحقاته
ITB/FMF/ADE/200110/2026رقم

About the Field Medical Foundation:
The Field Medical Foundation is a comprehensive community-based, non-profit, developmental organization that seeks to pioneer in humanitarian action through its health, relief, and development services, which aims to improve community health and build capacity through projects and services provided with high-quality and high credibility.

نبذة عن المؤسسة الطبية الميدانية :
المؤسسة الطبية الميدانية مؤسسة غير ربحية مجتمعية تنموية شاملة تسعى ان تكون رائدة في العمل الإنساني و ذلك عبر خدماتها الصحية و الإغاثية و التنموية و التي تهدف إلى تحسين صحة المجتمع وبناء القدرات من خلال المشاريع و الخدمات المقدمة ذات الجودة و المصداقية العالية .

ITB no. / رقم المناقصة	**ITB/FMF/ADE/200110/2026**	**Tender issue date / تاريخ الطرح**	**23/11/2026**
		Bid date / تاريخ تقديم العطاء	

Supplier information / بيانات المورد		**FMF tender enquiries / الاستفسارات**	
Company / الشركة		**Contact name الاسم :**	Faisal Awad
Contact / اسم المسؤول		**E-mail/ البريد**	operation.dept@fmfyemen.org
E-mail/ البريد		**Phone / هاتف**	967 02 278688
Phone/ هاتف			
Mobile/ موبايل		**Address/العنوان**	الجمهورية اليمنية- عدن -خورمكسر- كورنيش قحطان الشعبي
Address/العنوان			

Line / البند	Required specifications / المواصفات المطلوبة	Offered make and model / العلامة والطراز	Country of origin / بلد المنشأ	Offered details and supporting reference / المواصفات المعروضة ومرجع المستند
1	Polypropylene saddle clamp, size 1.5 inch × 1 inch, with an operating pressure not less than 10 bar, according to specifications or equivalent international standards			
2	Polypropylene elbow, 50 mm × 50 mm, standard type, with an operating pressure not less than 10 bar, according to specifications or equivalent international standards			

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3	Polypropylene saddle clamp, size 1.5 inch × 0.5 inch, with an operating pressure not less than 10 bar, according to specifications or equivalent international standards			
4	Polyethylene valve, 50 mm × 1.5 inch connection, with an operating pressure not less than 10 bar, according to specifications or equivalent international standards			
5	Plastic disc filter, 1.5-inch diameter, 10-bar working pressure, and a flow rate ranging from 120 to 130 m^3/h, in accordance with standard specifications or equivalent standards			
6	Polypropylene nipple, 1.5 inch diameter according to specifications or equivalent international standards			
7	Polypropylene coupling, diameter 1.5 inch according to specifications or equivalent international standards			
8	Polypropylene connector, diameter 1.5 inch according to specifications or equivalent international standards			

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9	Reducer from 1 inch to 1.5 inch according to specifications or equivalent international standards			
10	Purchase and supply of a 1-inch male polyethylene line starter, in accordance with German standard specifications and subject to the approval of the supervising engineer.			
11	Purchase and supply of 1-inch polyethylene pipes, in accordance with German standard specifications and subject to the approval of the supervising engineer.			
12	Purchase and supply of a 1-inch polyethylene elbow, in accordance with German standard specifications and subject to the approval of the supervising engineer.			
13	Tarpaulin made of high-density polyethylene (HDPE), non-recycled, UV-protected. Dimensions: (15×10) meters, thickness: 230 microns, weight not less than 30 kg. It complies with or is equivalent to the standard specifications for plastic pond liners. Flexible, durable, and resistant to chemicals, ultraviolet rays, and weather conditions			

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14	Supply, deliver, and install at site one submersible pump with a capacity of 750 W, 12 V DC, 1-inch outlet, a minimum flow rate of 3 m^3/hour, and a minimum total dynamic head (TDH) of 75 meters. The pump shall be provided with a 10-meter power cable of high quality. The rate shall include all transportation, installation, testing, commissioning, and all associated works required for proper operation at the project site, in accordance with the international specifications and subject to the approval of the supervising engineer for the submitted samples			
15	Purchase and supply, including on-site installation, of a high-quality 170W black solar panel. The price includes all transportation and installation work at the project site, in accordance with international standards and subject to the approval of the supervising engineer based on samples.			
16	Purchase and supply of steel panel bases (130 × 150 cm), strong, durable, and coated with an anti-rust protective layer, with the price inclusive of all transportation and unloading works at the project site, in accordance with international specifications and subject to the approval of the supervising engineer on the submitted samples.			

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17	Purchase and supply of a waterproof circuit breaker, single-pole sub-panel breaker (1 line), 25A, with the price inclusive of all transportation and unloading works at the project site, in accordance with international specifications and subject to the approval of the supervising engineer on the submitted samples.			
18	Purchase and supply of a single plastic panel box (1–2 lines), Weatherproof Breaker Enclosure, with the price inclusive of all transportation and unloading works at the project site, in accordance with international specifications and subject to the approval of the supervising engineer on the submitted samples.			

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19	Purchase and supply of a double solar panel connection kit (2×1 type). The price shall include all transportation and unloading works at the project site, in accordance with international specifications and subject to the approval of the supervising engineer on the samples.			
20	Purchase and supply of a single solar panel connection kit. The price shall include all transportation and unloading works at the project site, in accordance with international specifications and subject to the approval of the supervising engineer on the samples.			
Proposed delivery and installation schedule / الجدول المقترح للتوريد والتركيب				
Authorized supplier representative / اسم المفوض				
Signature and stamp / التوقيع والختم				