

Call for bids

Pursuant to point 2.4 of the SAMRS financial guide No.1 / 20166 (Principles of awarding contracts - goods, services and construction works intended for official development assistance of the Slovak Republic)

Call number: 46230/3208/2019

1. Contracting authority: FCHPT STU v Bratislave
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City: Bratislava
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ID: 00397687
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2. Object of contract

Supply of laboratory equipment within the SAMRS / 2018 / AFG / 01/01 project and securing the delivery of goods and their installation at the destination.

3. Type of contract

Contract for supplying goods and services

4. Short description of contract

Laboratory equipment and devices specified in the attached table. It is a laboratory facility designed for the educational process in the photovoltaic power production demonstration. Delivery of all equipment as a whole from one supplier is required. Tenders containing only part of the facilities and services will not be accepted. The facilities are procured under the official development assistance of the Slovak Republic for Afghanistan. The place of delivery and operation of these facilities is the city of Ghazni in Afghanistan. The offer must include export-related costs, cost of transporting the goods to the destination and cost of installation and commissioning of equipment in Afghanistan.

5. Estimated value of contract: EUR 55,000

6. Date of delivery (contract duration)

The goods must be transported and delivered at the place of delivery within six months after an official order is delivered to the supplier.

All operations related to the delivery of equipment and their installation at the place of destination must be completed by 31.12.2019 at the latest.

7. Main place of delivery of goods / provision of services

Technical and Engineering University of Ghazni, Ghazni Afghanistan

8. Financing conditions and payment arrangements

The subject of the contract will be financed from the resources of the Slovak Development

Aid for Afghanistan under the SAMRS / 2018 / AFG / 01/01 project.

The costs will be paid by the customer in two payments:

1. Equipment price: when the equipment is handed over to a shipping company to be delivered to Afghanistan
2. Price of other services: when the laboratory is installed and put in operation at the place of delivery (Ghazni, Afghanistan).

9. Conditions of participation

1. The participant must submit an offer, which is complete and contains all the items listed in the attached table, the goods shall meet European quality standards, the participant must list all required information (price, producer and internet link) for each item.
2. The participant shall ensure professional installation of the facilities and training of personnel to operate the facilities at the destination in Afghanistan. The supplier must send a specialist technician to the Ghazni province in Afghanistan. The participant must prove that he / she has at least two service technicians capable of travelling to the installation site (Ghazni, Afghanistan).
3. The participant must provide warranty and post-warranty service of the equipment at the destination (Ghazni, Afghanistan)
4. The participant shall prove the ability to carry out this contract at least by 1 reference of similar performance, installation of similar equipment and cooperation with European countries such as Slovakia.

10. Bid evaluation criteria

All offers will be evaluated in the first step to meet the equipment's technical requirements. Offers which are not complete or do not meet the required technical requirements shall be excluded. Subsequently, it is assessed whether the requirements of this call for delivery of goods in the place of destination are met, consent to dispatch a technician to Afghanistan for the purpose of installing the equipment and also to guarantee the warranty and post-warranty service in Afghanistan. Offers that do not include these requirements will be excluded. Bidders who meet all the conditions set out in point 9 will be listed in ascending order, with the successful bidder being the first. We will start negotiating the delivery of the goods with the successful tenderer and sign the contract.

11. Tender deadline

Date and time: all offers must be supplied until April 30, 2019 at 4:00 pm

12. Tender Place

FCHPT STU in Bratislava, Department of Chemical and Biochemical Engineering,
Radlinského 9, 812 37 Bratislava


Contact address: barbora.dudasova@stuba.sk

Offers must be sent to the e-mail address listed

13. Content of offer

The offer must contain, in addition to the quotation, the following documents and documents in paper form (signed scans are required):

- a completed table annexed to this call
- company business licence
- verified CVs of technicians with written consent of the person concerned to process their personal data
- written consent of technicians that they are willing to travel to Ghazni, Afghanistan and install equipment.
- min. 1 reference of similar performance

In Bratislava March 22, 2019	Signature of the Contractor authority: 
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Off-grid PV - 10 kWp; 13,4 kWh; 6,3 kW			Price per unit	Sub-total	www.link to the product
No.	Item description	Pcs.			
1	Project documentation	1	set		
2	Polycrystalline photovoltaic panel (280 Wp)	36	pcs.		
3	Construction on a 36 pcs. PV panel (metal slate roof)	1	set		
4	DC cables for strings connection (6mm) SOLARFLEX-X PV1-F 1x6 (RED 300m, BLUE 300m)	600	m		
5	Solar connectors MC4	20	pcs.		
6	Cable H07V-K 1x25 (RED 30m, BLUE 30m)	60	m		
7	Cable H07V-K 1x70 (RED 10m, BLUE 10m)	20	m		
8	Cable H07V-K 25 zeleno/žltý	200	m		
9	Cable protector 40/32r Duoflex	200	m		
10	Ethernet cabel (5x1m, 3x5m)	10	m		
11	Termination of wires and cables (terminals, cable lugs, cable terminals, ...)	1	set		
12	Cabel CYKY-J 3x16	100	m		
13	Cable tray 100x60, white (2m)	30	m		
14	Terminal Equipotential PAS 01 7x2,5-25mm ² sealing	3	pcs.		
15	Battery BMZ Li-Ion 48V 121Ah 6,7kWh ESS 7.0	2	pcs.		
16	Battery Management System - Vecan + cable	1	pcs.		
17	Switchboard R-DC (DC 1000V, 10A fuses, surge arrester)	3	pcs.		
18	Switchboard R-DC/AC (DC 70V, fuses 2x160A, 1x250A, 3x80A; AC 230V, 3x63A 2P CB, surge arrester, ex. COMBOX, Control Panel, Vecan, Switch, terminals for measurement, 2xPM+DC monitoring)	1	pcs.		
19	Charger XW MPPT 80A, 600VDC	3	pcs.		
20	Invertor Hybrid/Off-grid - XW+ 8,5KW, 230VAC, 48VDC	1	pcs.		
21	Combox - remote monitoring system	1	pcs.		
22	Control panel - local monitoring system	1	pcs.		
23	Switch	1	pcs.		
24	Power meter - PM5100	2	pcs.		
25	Current transformer 75/5	2	pcs.		
26	Power meter - DC 300V, 400A	1	pcs.		
27	Spar parts -material	1	set		
28	Engineering + commissioning + testing –before shipping	1	set		
	Total - off grid PV - 10 kWp; 13,4 kWh; 6,3 kW	1	set		

Other components				Price per unit	Sub-total	www.link to the product
No.	Item description	Pcs.	Unit			
29	Frame construction for exposure of samples of PV panels	1	set			
30	Polycrystalline photovoltaic panel (280 Wp)	1	pcs.			
31	Thin-film photovoltaic panel (120 Wp)	1	pcs.			
32	Monocrystalline photovoltaic panel (310 Wp)	1	pcs.			
33	1-ph. Inverter 2 kW, 230 V (solax power)	1	pcs.			
34	Switchboard R-DC (2 strings, surge arrester)	1	set			
35	AC switchboard for on grid applications (input 1-ph. inverter, protections)	1	set			
36	Hybrid/Off-grid inverter - 2,5 kW 230 V 1-f. (sin output); Input = 24 VDC/230 VAC	1	pcs.			
37	MPPT60150 charger 3,5 kW, 24 V/60 A	1	pcs.			
38	Combox - comm interface	1	pcs.			
39	Power and com cables (set for connection of MPPT, inverter, battery and comm. units)	1	set			
40	Battery management system (samples for connection of batteries to system)	1	pcs.			
41	Control panel for local control of hybrid solution	1	pcs.			
42	Batteries (traction) 24 V; 5,4 kWh	1	set			
43	SW and HW comm tool	1	pcs.			
44	PV String Tester Kit, Solar Installation Tester, Solar Irradiance Meter, safely test and inspect PV arrays up to 15A	1	pcs.			
45	PV Sol 2018 - Simulation program for the design and opt. of PV systems. Single License incl. Software Maintenance for 6 months.	1	pcs.			
46	Transportation to the location Ghazni, Afghanistan, installation, engineering, commissioning, testing	1	set			