

M. Serrano St., Corazon Calumpit, Bulacan Tel No.: (044) 675-1453 / 913-0079 Email address: calumpitwd@yahoo.com

BAC RESOLUTION NO. 2021-154

Supply, Installation, Testing & Commissioning of Real Time CCTV Cameras in 20 Pumping Stations with Wireless Communication Module Equipment (2.4 GHz/5.7 GHz) Suitable for PLC/Scada Monitoring of Flow & Pressure Controlling the Operations of Pumps & Motors, Valves, VFD etc.

(PHASE V for the installation of CCTV Cameras in 4 Pumping Stations - Tata Pading, Tata Leon, Frances Bukid, Meysulao Sapa PS and Metropolis Subd.Ground Reservoir monitored in CWD Main Office)

WHEREAS, the Bids and Awards Committee is hereby instructed to act upon the CWD with Purchase Request No. 2021-07-022; Supply, Installation, Testing & Commissioning of Real Time CCTV Cameras in 20 Pumping Stations with WirelessCommunication Module Equipment (2.4 GHz/5.7 GHz0 Suitable for PLC/Scada Monitoring of Flow & Pressure Controlling the Operations of Pumps & Motors, Valves, VFD etc.

(PHASE V for the installation of CCTV Cameras in 4 Pumping Stations - Tata Pading, Tata Leon, Frances Bukid, Meysulao Sapa PS and Metropolis Subd.Ground Reservoir monitored in CWD Main Office);

WHEREAS, the members of the BAC agreed to adopt Section 53.9, Article XVI of RA 9184, which states the use of <u>Small Value Procurement</u>, a method of procurement of Goods, Infrastructure and Consulting Services where the amount involved does not exceed the thresholds prescribed in Annex "H" of this IRR: Provided, That in case of Goods, the procurement does not fall under shopping in Section 52 of this IRR._(a)

The BAC shall prepare and send the RFQs/RFPs to at least three (3) suppliers, contractors or consultants of known qualifications. This, notwithstanding, those who responded through any of the required postings shall be allowed to participate. Receipt of at least one (1) quotation is sufficient to proceed with the evaluation thereof.

NOW THEREFORE, We, the members of Bids and Awards Committee, hereby RESOLVE as it is hereby RESOLVED;

- 1. To recommend the use of Small Value Procurement for Purchase Request No. 2021-07-022;.
- To recommend for approval by the General Manager of the Calumpit Water District the foregoing findings;

RESOLVED, at the CWD Office, Corazon, Cakûmpit, Bulacan, this 13th day of July 2021.

EMELY E. ECHEVARRIA

BAC Chairman

BAC Nice Chairman

EDILBERTOP. SANTOS

BAC Member

RONALDO DC TANTOCO

BAC Member

BENJO S. TORRES

BAC Member

Fund Cluster: CALUMPIT WATER DISTRICT Entity Name: PR No.: 2621- 67-022 Date: July 8, 2021 Office/Section: Responsibility Center Code: Operations Dept. Stock/ Property **Total Cost** Unit Cost Unit Item Description Quantity No. 950,000.00 950,000.00 Supply of Equipment, Install, Testing, Commissioning lot of Real Time Monitoring CCTV Cameras in 20 Pumping Station with Wireless Communication Module Equipment (2.4GHz/5.7 GHz) suitable for PLC/Scada Monitoring of Flow and Pressure Controlling the Operation of Pumps and Motors, Valves, VFD etc PHASE V: For the installation of CCTV Cameras in FOUR (4) Pumping Stations (Tata Pading, Tata Leon, Meysulao Sapa, Frances Bukid) and Metropolis Ground Reservoir monitored in CWD main office A. CCTV Supply "HIKVISION" CCTV Bullet type camera 8 units Model: DS-2CD2T35FWD-I5 Up to 3MP High Resolution Full 2048 x 1536 @30 fps 2.8mm / 4mm / 6mm / 8mm Fixed Lens Options Ultra- Low light, 0.008 Lux, Dark Fighter Technology H.265+, H.265, H.264+, H.264 120 dB Wide Dynamic Range 3D Digital Noise Reduction 12 VDC & PoE (802.3af) EXIR 2.0 with up to 165 ft (50m) IR Range IP 67 Protection 1/2.8" Progressive Scan CMOS 256 Kbps – 16 Mbps video rate minus 13: 30 meters; -15: 50 meters; -18: 80m lens capability ONVIF (PROFILE S, PROFILE G), PSIA, CGI, ISAPI standard - 0.01Lux @(F1.2,AGC ON), 0.028 Lux @ (F2.0,AGC ON), 0 Lux with IR $-1/3 s \sim 1/10,000 s$ "HIKVISION" CCTV Dome type 3 units Model: DS-2CD2722FWD-I Up to 2.0 MP / 1/3" CMOS / 25(P)/30(N) fps @ (1920×1080) - 32 Kbps to 8 Mbps - 2.8-12mm @ F1.4, horizontal field of view: 104° to 24° meter lens capability Color: 0.01 Lux@ F1.2/WDR/3D-DNR True Day and Night / IR Distance: 20mm/IP66 - 1/3 s to 1/100,000 s shutter speed To be used for supply, installation, testing and commisioning of CCTV cameras for Tata Pading, Tata Leon, Purpose:

Frances Bukid Meysulao Sana PSs and Metropolis Ground Reservoir.

Entity Name:		PIT WATER DISTRICT	Fund Clu	ster:			
Office/Section:	PR No.: 2021 - 67 - 022			Date: July 8, 2021			
Operations	Dept.	Responsibility Center Code :					
Stock/ Property No.	Unit	Item Description	Quantity	Unit Cost	Total Cost		
		Complete with:					
	units	"HIKVISION" 4 Port 24 VDC passive PoE Switch	3				
		Model: DS-3E0105P-E					
	units	"HIKVISION" 8 Port 24 VDC passive PoE Switch	5				
4							
	lots	Cable tie, bolts and nuts, pipes and other accessories	5				
		- D-Link Cat 5e UTP 24 AWG, Solid: 305m, Blue					
		- Solid Cat5E FTP PO PE OSP, 50105F 010 4PR					
		24AWG, Black					
	unit	"HIKVISION" NVR	1				
		Model: DS-7616NI-I2					
		16 Ch. 4K & H. 265 NVR: 160Mbps/256Mbps					
		Bandwidth I/O, 16-Ch 1080P,					
		or 4-ch 4k, 2 SATA Interfaces, alarm I/O: 4/1					
		Of 4-Cit 4k, 2 SATA interfaces, alaini 1/O. 4/1					
	i4	ATD CT4000\ (V007 Llend Diele Drive	4				
	unit	4TB ST4000VX007 Hard Disk Drive	-				
		"DOLL/EDDEALL LO OFLIC"	40				
	units	"POWERBEAM AC GEN2"	10				
		Microwave radio 5GHz 450mbps (25km)					
		- 300 N @ 200 km/h (67.44 lbf @ 125 mph)					
		- IEC 68-2-5 at 40° C (104° F),					
		Equivalent: ETS 300 019-1-4		-			
		- ETS 300 019-1-4, Equivalent: MIL-STD-810 G					
		Method 506.5					
		ELAT CODEEN TV/ 42"	4				
	unit	FLAT SCREEN TV 43" Motel Englosure Coating Weterproof Box	4				
	units	Metal Enclosure Coating Waterproof Box	4				
	unit	(H300 x W250 x D150mm) CCTV Server Cabinet 600*800, 42U H2m	1				
	unit	Model: NF6842	<u>'</u>				
	pcs.	UPS 650VA	9				
	pc.	UPS 3000VA	1				
	sets	Lightning Arrester	5				
Purpose:	To be used for supply, installation, testing and commisioning of CCTV cameras for Tata Pading, Tata Leon,						
	Frances Bukid, Meysulao Sapa PSs and Metropolis Ground Reservoir.						
Signature :	Request	ed by:	Approved by:				
Printed Name :	EDILBERTO P. SANTOS Engr. RONNIE B. LARGADO						
Designation:	EOD Department Manager General Manager						

PURCHASE REQUEST

Entity Name:			Fund Clu	ster:					
Office/Section :		PR No.: 2621 -07-027		Date: July 8, 2021					
Operations Dept.		Responsibility Center Code :		5-51-20					
Stock/ Property No.	Unit	Item Description	Quantity	Unit Cost	Total Cost				
		B. Engineering Services							
	lot	Prelimminary ang Generals	1						
	lot	Design and Site Works Generation	1						
1	lot	Siteworks	1						
	lots	Commissioning and startup	8						
		- includes Conduit/pipe protection for CCTV lan cables							
		C. Others							
	lot	Rigger (Radio installation)	1						
	100	- Greenplains, San Jose, Gugo and Gardenville PS							
		Croonplants, carrocco, cago ana caractrino i c							
		D. Mast/Pole Tower for Radio Height per Pumping Station							
	lot	- Tata Pading, Tata Leon, Frances Bukid, Meysulao Sapa and	1						
		Metropolis Ground Reservoir							
		Interropolito Ordana i Nodori voli							
		TOTAL AMOUNT INCLUSIVE OF VAT			₱ 950,000.00				
Purpose:	To be us	To be used for supply, installation, testing and commisioning of CCTV cameras for Tata Pading, Tata Leon,							
	Frances Bukid, Meysulao Sapa PSs and Metropolis Ground Reservoir.								
	Requested by:								
Signature :				\$~	JV 111				
Printed Name :		EDIL BERTO P. SANTOS		Engr. ROWNIE E					
Designation:		EOD Department Manager		General M	anager				