

Cabidianan, Nabunturan, Davao de Oro

# **TECHNICAL SPECIFICATIONS FORM**

Purchase Request Number: 24-4763 Bid Number: B-24-0281
Date: 10/07/2024

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ITEM	QTY.	UNIT OF	DE	SCRIPTION	APPROVE	ED BUDGET	BID F	PRICES
NO.	QII.	ISSUE	DE	SCRIPTION	Unit Price	Total Amount	Unit Price	Total Amount
1	1.969443	Lot	Construction of Gy	/m	1.00	19,694,435.30		
			(Installation of 300 Capitol Building)	kW Solar On-Grid at				
			Project Billboard/S	Signboard				
			64 sq.ft. Ta complete logo prir	rpaulin , 8' x 8', w/ nted as per design				
			44	Tarpaulin white, 8 ft x 8				
			ft	Resolution; 70 dpi				
				Font; Helventica				
			Information -3"	Font Size; Main				
				Sub-Information - 1"				
				Font Color; Black				
			2 pc. II Grade C, 10mm	Ordinary Plywood Type thk x 4' x 8'				
			24 bd.ft Coco Lumber/Equ	6 pcs - 2" x 2" x 12' , ivalent				
			24 bd.ft Coco Lumber/Equ	4 pcs - 2" x 3" x 12', ivalent				
			1 kg.	Nails, C.W. 4"				
			Occupational Safe	ety and Health Program				
			2 set/s	Medical Kit				
			18 pc/s	Safety Helmet				
			18 pair/s	Safety Shoes				
			18 pair/s	Gloves				
			Doors (Wood Pan	el):				
			1 unit/s	Wooden Door Jamb,				
		<u> </u>	Energy System for Ca		SUB-TOTAL	19,694,435.30		

Purpose: Construction of Solar Energy System for Capitol Facilities
Delivery: Capitol Building, Executive and Legislative/ Within Capitol



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NO.	QII.	ISSUE				Unit Price	Total Amount	Unit Price	Total Amount
			Kiln Dried	d Solid W	ood, 2"x 6" x 1.0m				
			1 Wooden,	unit/s Solid	Door, 0.90m x 2.10m,				
			3	pair/s	Hinges, LBP 4" x 4"				
			1 Lever typ	pc/s e, Satin d	Knob Tubular Lockset, chrome finish				
			1	keg/s	CW Nails #4 (keg)				
			Cement F	Plaster Fi	nish				
			19 1)	bag/s	Portland Cement (Type				
			1 x 1.20m	mtr/s	Wire mesh screen 1/8"				
			1.75	cu.m.	Washed Sand				
			Painting \	Works (M	lasonry/Concrete)				
			4	gal/s	Paint, Acrylic Primer				
			1	gal/s	Paint, Acrylic Cast				
			2	gal/s	Paint, Acrylic Reducer				
			3 Semi Glo	gal/s ss, Pre-n	Paint, Acrylic Topcoat, nixed(verify Color)				
				**MISCE	ELLANEOUS				
			2 with tray	set	Paint, Roller Foam # 7				
			2	pc/s	Paint, Roller Foam #7				
			1	pc/s	Brush, Paint # 2 1/2"				
			5	pc/s	Sand paper # 100				

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ITEM	OTV	UNIT OF		DE	CODIDTION	APPROVI	ED BUDGET	BID F	PRICES
NO.	QTY.	ISSUE		DE	SCRIPTION	Unit Price	Total Amount	Unit Price	Total Amoun
			5	pc/s	Sand Paper #120				
				on Load Be cing Steel)	earing (including				
			16 1)	bag/s	Portland Cement (Type				
			1.5	cu.m.	Washed Sand				
			382	pc/s (600 psi)	CHB 4"x8"x16"				
			22 (Grade	L 40),10mm	Deformed bars/RSB dia. x 6.0mts.				
			2	kg/s	Tie Wire, G.I # 16				
			1 Duty)	pc/s	Hacksaw Blade (Heavy				
			Electric	al Works					
			"Condu Works/0	its, Boxes a Conduit Ro	& Fittings (Conduit ugh-in) "				
			5 3/4" dia	length/s a.(10ft./leng	PVC Pipe(Electrical), th)				
			2 Plastic	pcs. - orange co	Junction box, 4"x4" lor				
			1 Plastic	pcs. (orange co	Utility box, 4"x2" olor)				
			18	mtr/s	Flexible hose,15mm				
			2 Plastic	pcs. (orange co	Utility box, 4"x2" olor)				
			7 1/2" dia	length/s a.(10ft./leng	PVC Pipe(Electrical), th)				
			2	roll/s	Electrical Tape				
		1				GRAND TOTAL	19,694,435.30		

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ITEM	OTV	UNIT OF	DESCRIPTION	APPROVI	ED BUDGET	BID F	PRICES
NO.	QTT.	ISSUE	BEGORII TION	Unit Price	Total Amount	Unit Price	Total Amount
ITEM NO.	QTY.	UNIT OF ISSUE	DESCRIPTION  Wires and Wiring Devices  15 mtrs. Wire, 8.0mm sq. THW Copper Stranded - BLACK  15 mtrs. Wire, 8.0mm sq. THW Copper Stranded - WHITE  36 mtr/s Wire, 2.0mm sq. THHN Copper Stranded  1 set/s Switch, 3-gang (flush type)  30 mtr/s Wire, 3.5mm sq. THHN Copper Stranded  6 mtr/s Wire, 5.5mm sq. THHN Copper Stranded  2 set/s Convenience Outlet, 2-gang (flush type) with grounding  Panelboard with Main & Branch Breakers		1		
			1 pc/s Panel Board, 4 Branches, Bolt-on Type, single phase, centermain 1 pc/s Circuit Breaker, 40AT, 1Phase, 60Hz, 230V Bolt-on type, centermain 1 pc/s Circuit Breaker, 30AT, 1Phase, 60Hz, 230V Bolt-on type 1 pc/s Circuit Breaker, 20AT, 1Phase, 60Hz, 230V Bolt-on type 1 pc/s Circuit Breaker, 15AT, 1Phase, 60Hz, 230V Bolt-on type 1 pc/s Circuit Breaker, 15AT, 1Phase, 60Hz, 230V Bolt-on type 1 set/s Circuit breaker, 30AT, 2P, single phase, bolt-on Type w/ Enclosure NEMA-3				

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ITEM	OTV	UNIT OF				APPROVE	ED BUDGET	BID F	PRICES
NO.	QTY.	ISSUE		DE	SCRIPTION	Unit Price	Total Amount	Unit Price	Total Amoun
			3 16W LED Housing)		Fluorescent Tube, T8, DHz, Surface Type (with				
			Solar Par		nverter, Battery and				
			1500VDC 4	C, Solar P set/s 96.8 A Ma	75KW Rated output ax. output current,				
			1 Shut Dow	set/s vn 1:1	Module level Rapid				
			120	pc/s	MC4 Connector				
			260	pc/s	Rails 4.8m				
			260	pc/s	Rails Splicer				
			700	pc/s	L-Foot				
			460	pc/s	Mid Clamp				
			180	pc/s	End Clamp				
			80	pc/s	Sealant B330				
			22 Enamel -	gal White	Paint, Quick Dry				
			22	gal	Paint Thinner (ordinary)				
			140 32mm dia	pc/s a. (10ft/le	Pipe, PVC (Electrical) ngth)				
						GRAND TOTAL	19,694,435.30		

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NO.	QII.	ISSUE				Unit Price	Total Amount	Unit Price	Total Amount
			140 electrical <sup>2</sup>	pc/s I-1/4"	PVC short elbow				
			205 electrical 1	pc/s I-1/4"	PVC long elbow				
			135	pc/s	Saddle Clamp 1-1/4"				
			350 x 5mm	box/s	Tox w/ metal screw 1in				
			130 200cc)	can	PVC Solvent Cement (				
			112	рс	Brush, Paint #2"				
			200	pc/s	PVC Tee 1 1/4"				
			200	pc/s	Cable duct 4" x 4" x 2m				
			18 with tray	set	Paint, Roller Foam #7				
			175 50mm dia	pc . (10ft/ler	Pipe, PVC (Electrical) agth)				
			7770 Cable	mtrs	4mm^2 PV Duplex				
			140	roll/s	Electrical Tape				
			5200	pc/s	Cable Tie 12"(plastic)				
			370 Copper St	mtr randed	Wire, 5.5mm sq. THHN				
			370 Copper St	mtr randed	Wire, 3.5mm sq. THHN				
			90 THHN Co <sub>l</sub>	mtr oper Stra	Wire, 38.0mm sq. nded				
			80 THHN Co <sub>l</sub>	mtr oper Stra	Wire, 200.0mm sq. nded				

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NO.	QII.	ISSUE	DESCRIPTION	Unit Price	Total Amount	Unit Price	Total Amount
			4 pc/s Rod, Ground Steel, Galvanized, 5/8" x 10'				
			4 pc/s Clamp, Ground Rod Tamper Proof, 5/8" dia				
			1750 mtr Cat 6, UTP cable				
			7 box 12 way distribution box				
			7 box 8 way distribution box				
			35 pc/s 20A, 2P DC Circuit Breaker				
			35 pc/s 2P DC Surge Protective Device				
			35 pc/s Circuit breaker 20AT, 2P,60Hz,230V Bolt on type				
			35 pc/s 2P AC Surge Protective Device				
			4 pc/s 3P AC Surge Protective Device				
			7 pc/s 1000 x 800 x 200 mm Metal Enclosure				
			1 pc/s 1000 AT, 3P, 230V Industrial Type Circuit Breaker				
			4 pc/s 200 AT, 3P, 230V Industrial Type Circuit Breaker				
			Airconditioning:				
			1 Unit/s Airconditioning Unit (Wall Mounted) 2.0hp Inverter				
Durnos	9: Constru		lay Engrey System for Capital Escilition	GRAND TOTAL	19,694,435.30		

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ITEM	QTY.	UNIT OF	DESCRIPTION	APPROVI	ED BUDGET	BID F	PRICES
NO.	QIY.	ISSUE	DESCRIPTION	Unit Price	Total Amount	Unit Price	Total Amount
			Terms and Conditions: 1.) The Contractor shall undertake the construction of the project for the Government in accordance with the plans & specifications.				
			2.) The work to be done under this contract shall include the furnishing of labor, materials, and equipment with the contractor's capability and performance to complete the construction of the project all in strict compliance with terms and conditions.				
			3.) The commencement of the project shall be within 7 days upon receipt of the Notice to Proceed (NTP) together with a copy or copies of the approved contract from the Provincial Government. The duration to complete the project is One Hundred Eighty Eight (188) calendar days unless otherwise extended in accordance with the provision of GPRA.				
			4.) The contractor shall take full responsibility and safety of all site operations as to construction Methodology.				
			5.) The Government shall not be liable for the loss of, or damage to any of the contractor's equipment, temporary works, or materials stored at the job site.				
			6.) The Government reserves the right to terminate or cancel the contract should the contractor fails to comply with any of the provisions of these terms and conditions.				
			7.) Progress billing shall be processed subject to evaluation and approval by the Provincial Engineer's Office and the Provincial Inspectorate Team.				
			Supplier must have the following:  1.) Conduct demonstration of the product with brochure before installation.  2.) Energy Service Company Certificate (ESCO)  3.) Warehouse in Northern Mindanao  4.) DOE Registered Solar Photo Voltaic				
			Installation Company.	GRAND TOTAL	19,694,435.30		

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NO.	QII.	ISSUE	DESCRIPTION	Unit Price	Total Amount	Unit Price	Total Amount
			5.) Certificate of Registration/Accreditation from the Department of Energy (DOE) 6.) Training of personnel for operation and maintenance with provisions of basic maintenance tools/equipment. 7.) Warranty: Panel - 5years Battery - 3years				
				GRAND TOTAL	19,694,435.30		

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