

BIDS AND AWARDS COMMITTEE 2330 Roxas Boulevard, Pasay City

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SUPPLEMENTAL / BID BULLETIN No. 1

Project :

DFA CAGAYAN DE ORO PROPERTY RENOVATION AND

REHABILITATION WORKS

Reference

PB-IN-01-2023

ABC

Php 11,194,525.06

Date

9 February 2023

This supplemental/bid bulletin is being issued to inform prospective proponents/bidders of the following changes to the Technical Specifications of the Bidding Documents:

- 1. For the duration of the project, kindly refer to *Item XIII*. Schedule of Works, providing for **six** (6) months project duration, not 150 days as indicated in the attached BOQ.
- 2. Revised Minimum Contractor's Equipment Requirements as stated in Item VIII.
- 3. On the units and quantity in the BOQ and DUPA, specifically the part of painting works, the decimal places may be rounded off. However, in terms of gallons versus 4-liters (or liters) the Contractor can change its units only to painting materials.
- 4. On Item V. Scope of Works:
 - a. On the proper disposal of waste material with value such as rebar, GI sheets and the like, all must be stored on the site. The Contractor must submit a list of these items with value and turn over to the End User representative for Government disposal procedure.
 - b. On *Plumbing and Sanitary*, the Contractor shall proceed with the de-clogging works as indicated and report to the End-User representative of its outcome.
 - c. For *Fire Protection*, the required fire extinguishers remain without the need of additional installation of Fire Detection and Alarm System (FDAS).

The Bidding Documents are amended accordingly.

For the information and guidance of all concerned.

CHARLIE P. MANANGAN BAC Chairperson

Republic of the Philippines DEPARTMENT OF FOREIGN AFFAIRS 2330 Roxas Boulevard, Pasay City

TECHNICAL SPECIFICATIONS DFA CAGAYAN DE ORO PROPERTY RENOVATION AND REHABILITATION WORKS

ITEM	PARTICULARS	···
I.	BACKGROUND	
	The DFA Building is located in the Limketkai Center near Robinsons Mal City. It was purchased in 2007 from Metrobank.	l, Cagayan de Oro
	The property was left uninhabited when CO Cagayan de Oro transferred to Mall in June 2014. It is mostly used now as a passport records storage and properties of CO CDO.	
]	The property is required to be renovated to be used again as an office build	ding.
II.	OBJECTIVE	
	The Department is in need of a reputable construction company that will pefficient works with the deployment of skilled manpower, material supervision. The project aims to:	
	 Give its occupants safe and convenient working environment; Ensure safe working conditions at the DFA premises preventing life; Comply with statutory requirements such as the National Building of the Parking of the Parking	ng Code, Fire Code
	of the Philippines, Philippine Green Building Code and other rela	ated codes/laws.
ш.	GENERAL DESCRIPTION The project shall cover the full renovation and rehabilitation works of the Oro property in Limketkai Drive, LKKS, Lapasan, Cagayan de Oro. approximately 1,369.31 square meters of floor area within the existing lot lot.	The project site is
	The building has 2 floors and a roof deck. The property has a parking space side of the building. Based on recent reports the property is said to be local area. Due to its elevation, flood coming from the main road does not however access to the building from outside may be difficult.	ted in a flood prone
	The property roof deck shows deterioration and requires to have new water based liquid membrane and/or bitumen-based roll membrane material)	proofing (bitumen-
IV.	PROJECT LOCATION Southern Homes Limketkai Drive, LKKS, Lapasan, Cagayan de Oro Lot Area: 1,161 sq.m. Building Area: 1,369.31 sq.m. No. of floors: 2 floors and a roof deck.	
V.	SCOPE OF WORKS	STATEMENT OF COMPLIANCE

SCOPE OF WORKS ARE AS FOLLOWS:

General Requirements

- 1. Mobilization and Demobilization works;
- 2. Inception reports and engineering design;
- 3. Temporary facilities;
- 4. Permit, fees and clearances;
- 5. Application of electricity connection to an existing Electrical Utility Company;
- 6. Conduct testing and commissioning including leak test;
- 7. Produce and provide shop drawings
- 8. Prepare and submit Bill of Quantities, Contract Drawings, Complete As-built drawings, technical specifications;
- 9. Temporary safety, first aid facilities and equipment;
- 10. Safety requirements against COVID 19;
- 11. Cleaning and Waste Management.

Architectural

- 1. Exterior wall finishes repainting works
- 2. Other Wall finishes
 - a. Tiling works: Accent state tiles (60cm x60 cm)
- 3. Signage
 - a. Installation of brass DFA Logo with backlight
 - b. Installation of 20mm aluminum C-channel for signage framing.
- 4. Plant box finishes
 - Application of new stucco finish in lace trowel texture ("anay" texture);
- Exterior Ceiling
 - a. 12mm thick moisture resistant gypsum board with flat white painted finish;
 - b. 7"x2.95m PVC ceiling panels (White wood grain finish)
- 6. Exterior flooring
 - a. Replacement of existing pavers to square concrete pavers 60cm x 60cm;
 - b. Non-skid 30x30 cm beige slate-like tiles for stairs;
 - Cement flooring in textured brush finish for PWD ramp.
- 7. Exterior windows;
 - a. Replacement of broken glass window left side of the building
 - Cleaning of existing windows including window frames.
- 8. Waterproofing works
 - a. Surface preparation for installation of new hot membrane bitumen-based liquid membrane and/or bitumen-based roll membrane material for roof deck including exterior surfaces at the roof deck area.
- Painting works using vanilla ice semi-gloss latex for interior walls;
- 10. Tiling works
 - a. Removal of existing wall tiles
 - b. Supply and installation of 30 x 30 cm gloss white wall tiles for toilet;
 - c. Installation of new 10 x 20 cm subway white tiles for kitchen backsplash.
- 11. Operable wall
 - Installation of operable wall/ accordion door in laminated MDF finish for conference room including all accessories and consumables in

accordance to plans and specifications. Repainting works of interior partitions, stairs and wall finishes;

- b. Masonry works;
- c. Painted CHB wall at entrance;
- d. Painted CHB wall at kitchen;
- e. Painted CHB wall at holding area;

12. Interior ceiling

- New ceiling boards including hangers supports, accessories and consumables;
 - i. Toilet areas 3.5mm 4' x 8' fiber cement board and painted finish
 - ii. General ceiling at storage and other nonoffice/ support areas: 3.5mm x 4' x 8' fiber cement board and with painted finish;
 - iii. Office areas: 60 x 60 cm acoustic ceiling panel boards.

13. Interior flooring

- a. Removal of existing floor tiles;
- b. Supply and installation of new tiles;
 - i. General flooring on all areas: 60cm x 60cm white carrara marble-look porcelain tiles;
 - ii. Toilet and kitchen: 30cm x 30cm non-skid white tiles.

14. Doors and windows;

- a. Doors:
 - i. Relocation kitchen door;
 - ii. Removal of pantry door;
 - Removal of unnecessary entrance door in front;
 - iv. Re-painting/Re-staining of wooden doors including installation of new hardware such as door hinges and door knobs. Repainting works of roofing, eaves and gutters;

b. Windows

- i. Repair of deteriorated window framing and accessories
- ii. Cleaning of window glasses and frames
- iii. Repainting works of window steel grills

15. Modular works

- a. Kitchen
 - i. Kitchen countertop
 - ii. Supply and Installation of ¾" Granite Slab in Bullnose finish including consumables and accessories Kitchen rehabilitation
 - iii. Fabrication of kitchen cabinet using ¾"
 Marine Plywood in Ducco Painted Finish
 or Laminated Finish (preferred) including
 hardware, consumables and accessories

b. Others

- Furnishings: Supply and installation of combi blinds for windows.
- 16. Waterproofing works for roof deck, balcony, parapet walls. concrete reservoir, concrete roof, adjacent walls and plant box:
- 17. Repair of crack slab using low viscosity injected epoxy resin suitable in both dry and damp conditions.

Mechanical

- 1. Supply and Installation of air-conditioning units including consumables and accessories.
 - a. 5 TR Floor Mounted Inverter Type (Lounge/Waiting Area);
 - b. 5 TR Floor Mounted Inverter Type (Processing Section);
 - 3 TR Floor Mounted Inverter Type (Releasing & Cashier)
 - d. 1 TR Wall Mounted Inverter Type (Conference Room);
 - e. 4 TR Floor Mounted Inverter Type (Open Office Area);
 - f. 2 TR Wall Mounted Inverter Type (Function Hall);
 - g. Widow Inverter Type (Office 1 and Office 2).
- 2. Supply and installation of ventilation units
 - a. Ceiling mounted exhaust fan (toilets); and
 - b. Air Cooler (holding area).

Electrical

- 1. Installation of lighting fixtures including supports, boxes and dropped flexible metal conduit.
 - a. 2 x 18 watts LED troffer light (600mm x 1200mm);
 - b. 9 watts LED recessed mounted down light;
 - c. 20 watts LED tube light batten type;
 - d. Emergency lights; and
 - e. 3 watts LED exit lights.
- Complete electrical works for power and lighting system including wiring devices;
- 3. Conduits works include necessary fittings, supports, painting works. fire retardant sealants, and other accessories;
- Installation of sub-feeder cables (MDP to lighting and power panes); and
- 5. Installation of Panel boards.
- 6. Others
 - a. Electric meter;
 - b. 1.5 HP, 230V, 3P, 60Hz, Automatic Water Booster Pump; and
 - c. Surface type utility box.

Plumbing and Sanitary

- 1. De-clogging works of existing plumbing and sanitary system.
- 2. Complete plumbing and sanitary works including lavatory and water closet for toilet and bath;
- 3. Complete plumbing and sanitary works for kitchen

 The Contractor shall proceed with the de-clogging works as indicated and report to the End-user representative of its outcome.

Fire Protection

 Supply and installation of portable fire extinguishers 10 lbs ABC Dry powder.

 The required fire extinguishers remain without the need of additional installation of Fire Detection and Alarm System (FDAS).

Others

- Installation of CCTV system including cameras, monitoring and data storage system, conduiting works, wiring and cables.
- On the proper disposal of waste material with value such as rebar, GI sheets and the like, all must be stored on the site. The Contractor must submit a list of those items with the value and turn over to the End user representative for Government disposal procedure.

The Contractor Shall:

- Provide inception reports and methodologies to be submitted to OAMSS-EMD prior to commencement of works;
- 2. Presumed to have inspected the site thoroughly before the commencement of work to the extent that it has satisfied itself as to the suitability and accessibility of the site for the purpose of execution and completion of all works specified in this contract. In this regard, the Contractor is estopped from claiming work and change orders arising from site conditions which could have been inspected by the Contractor before the commencement of work;
- 3. Provide all labor, supervision, equipment and materials for the supply, delivery, dismantling, installation and commissioning related to the project;
- Provide brand new items for the project with the technical specifications approved and to the satisfaction of the Department not limited to the following;
- 5. Erect and properly maintain at all times, as required by the conditions and progress of the work, such as barriers, shoring, supports, braces, lights, danger signs and necessary safeguards, as will protect workmen and the public and as will effectively prevent any injury to persons and damage to property in consequence of his work;
- 6. Accept the existing property as-is where is;
- 7. Ensure safety of its workers all the time by deploying safety elements such as, but not limited to, personal protective equipment (PPEs), personnel identification paraphernalia, safety orientation activities, health and safety provisions, etc.;

- 8. Take all necessary precautions for the safety of employees and workmen on the project, and comply with all Laws to prevent injury to persons on, about, or adjacent to the premises where the project is being performed;
- 9. Take photographs of all works that will be done in the project. Photographs should include before and after photos;
- 10. Submit for approval of OAMSS-EMD an inception report including program of works in Gantt chart form, plans, and unit technical specifications, bill of quantities before completion of the complete engineering design;
- 11. Submit the electronic and hard-copy of the complete engineering design plans, specifications, and as-built plans of the project signed and sealed by duly Licensed Professional/s as required by the Building Code;
- 12. Dismantle, pack, and store the existing equipment for proper disposal procedure of the DFA;
- Conduct coordination meetings with the DFA representative/s;
- 14. Provide key personnel for the supervision and project management for the project. designate a responsible member of his organization at the site, whose duty shall be the prevention of accidents and damage to the project, the DFA's property, and adjoining property.
- 15. Execute the necessary mobilization/demobilization of manpower, equipment, and materials on site for the project
- 16. Secure and pay necessary securities/bonds, including the appropriate performance security upon award of contract and valid until the issuance of a Certificate of Final Acceptance, in accordance with Section 39 of RA 9184's IRR;
- 17. Secure and pay necessary insurance and permits needed for the completion of the project;
- 18. Provide provisions for all necessary formwork and steelworks as needed in the project; and,
- 19. Supply materials and services not expressly indicated in the technical specification, drawings, or in other contract documents, which may be necessary for the complete and proper design, installation, and commissioning of works. All such necessary works shall be provided by the Contractor to ensure a functional and efficient system without extra cost to the Department.

VI. DRAWINGS

Refer to "Annex B" for the drawings.

VII.	TECHN	VICAL SPECIFIC	CATIONS	
	I		Bill of Quantities and "Annex D" for Analysis (DUPA).	
			se of discrepancy between the BOQ OQ shall prevail.	
VIII.	MINIM REQUII	IUM CO REMENTS	NTRACTOR'S EQUIPMENT	
	No.	Qty	Description	
		1 vehicle	Delivery truck/Dump truck or Boom Truck	
	2	1 set	Welding machine	
	$\frac{2}{3}$	2 sets	Electrical Drill/ Driving tools	
	4	10 sets	Sched. 20 GI Scaffolding set	
			including bracing (1.2m x 1.7m)	
	5	1 set	Portable Generator set including fuel	
	6	2 pcs	ABC type fire extinguishers	
	7	1 pc	Multi-tester	
	8	1 set	Cement mixer or Bag Mixer	
	9	1 set	Tile Cutter	
	10	lset	Pipe cutter	
IX.	The Co	nents:	comply with the following minimum O years of experience in renovation and ks;	
	2.	PCAB License v	with a minimum size range of Small B, General Building GB-1;	
X.	CONTE	RACTOR'S OBL	IGATION	
	The Cor	ntractor shall:		
	1.		ting laws, codes, rules and regulations set forth at units and authorities;	
	2.		nents produced as part of the design services to or review and approval, in accordance with the ract;	
	3.		led experience craftsmen will undertake the s to ensure first class quality, appearance and apleted work;	
	4.	including but not and other docume other related lav	from their own funds, the necessary permits limited to, building permit, licenses, clearances ents required under National Building Code and ws, rules and regulations, and bear all costs, other charges thereof.	

- Provide the services in a proper, professional and workmanlike manner at all times;
- Retain sufficient number of personnel with the expertise required to provide the services;
- 8. Provide the Department a dedicated hotline for emergency calls. This includes weekdays and Holidays;
- 9. Ensure that service personnel wear proper uniforms and identification cards inside the Department's premises;
- 10. Be responsible for the safety and cleanliness of the working area at all times. At the end of the day's work, all tools, equipment, and unused materials shall be put away in an orderly manner inside the designated areas in the site;
- 11. Deem to have inspected, and be satisfied as to the suitability and accessibility of the site required to execute and complete all works specified in this contract;
- 12. Provide weekly progress reports to OAMSS-EMD with photographs indicating corresponding dates;
- Submit working drawings of any modification prior to the execution of work subject for review and approval of OAMSS-EMD;
- 14. Submit As-Built Drawings of the project in A3 size and electronic copy using editable 2013 CAD format, including measurements of all works performed in the project;
- 15. Submit the methodologies and plans for all phases of the work to the Department for review and approval. Such approval shall not be construed to relieve the Contractor of its responsibilities, liabilities and obligations in the Contract.
- 16. Ensure complete coordination with OAMSS-EMD and DFA Security regarding hot works (welding or cutting works) to be done in the DFA Premises. The Contractor must provide fire extinguishers during hot works and safety personnel to oversee hot works operations.
- 17. Be solely responsible for the protection, security and safety of their personnel, third parties, equipment, installation, the public, building structure and others.
- 18. The Contractor shall be primarily responsible for all safety measures in prosecuting the Work in accordance with the safety manual approved by the Construction Industry Authority of the Philippines (CIAP) (30.01).
- 19. Provide necessary protection, including sheet piles, barricades, sufficient warning lights, danger signals, and other signs, if needed, against harm or damage to adjacent properties, persons, shrubs, trees, lawns, structures, and utilities therein.
- 20. Ensure that the permanent connections to the local utility lines for water, drainage, electrical and sewer lines including

materials, equipment, facilities, fees, and/or work are in proper working order.

- 21. Provide barracks bunk houses for temporary shelter and or sleeping quarters for their construction personnel. It must be properly maintained for the duration of the project. If not allowable the Contractor must provide accommodations outside the project site.
- 22. Remove paint drips, stains, oils, plaster-drop splatters on adjacent surfaces and clean the entire project site. Properly dispose of all waste at the end of the day to prevent fire hazards
- 23. Remove and dispose, upon completion of work, all temporary offices, storage, bunk houses, staging, equipment, scaffoldings, paint containers, scraps and debris.
- 24. Provide Storage/Sheds facilities includes the following requirements:
 - a. Provide storage and sheds for stockpiling of cement, steel bars, hardware and other construction materials intended for the project;
 - b. Storage for cement shall be stored in an elevated platform and properly enclosed to protect from weather.
- 25. Provide and assist the DFA Inspection team round trip airfare, accommodation and meal allowance during the following project completion starting from 0%, 50% and 90% of works. The team will be composed of 6 DFA representatives.

XI. CONTRACTOR'S PERSONNEL QUALIFICATIONS

The minimum requirements of Contractor's key personnel to be assigned to the Contract is as follows:

1. Project Engineer/Architect

Qualified Engineering (Architect/ Civil/ Mechanical/ Electrical) expert/s with relevant experience.

The qualified expert/s shall be in charge of the design, implementation and supervision of works on the project. For the qualified expert/s and other proposed key members, the Contractor shall provide the following information:

- a. Professional Qualifications;
- b. Relevant Education and levels and dates;
- c. Chronological employment history, including role in any previous similar projects; and
- d. At least five (5) years of experience in similar projects.

2. Health and Safety Officer

Assigned Safety Officer will be responsible for the overall safety of the project. He/She shall ensure safe working conditions and compliance with all safe operating procedures in the site.

The Contractor shall provide the following information:	
 a. DOLE Certification; b. Relevant Education and levels and dates; c. Chronological employment history, including role in any previous similar projects; and d. At least two (2) years of experience in similar projects. 	
5. Foreman	
Assigned foreman will work under the direction of the Contractor/Project Engineer to identify phases of the work. He/She shall be responsible with the timely progress monitoring of the project and ensure workers are knowledgeable and qualified, and assign them according to their skill sets.	
The Contractor shall provide the following information:	
 a. Relevant Education and levels and dates; b. Chronological employment history, including role in any previous similar projects; and c. At least two (2) years of experience in similar projects. 	
WARRANTY SECURITY	
The Contractor shall provide a warranty against defects in the workmanship in accordance with Section 62.2 of RA 9184's IRR.	
2. The Contractor shall post any allowable form of warranty security in the appropriate amount, valid for at least one (1) year from the issuance of a Certificate of Final Acceptance.	
SCHEDULE OF WORKS	
The Contract will be implemented upon the issuance of the Notice to Proceed. The duration of the contract is Six (6) months from the start of the implementation.	
COVID-19 PREVENTION	
The Contractor shall:	
Ensure that assigned personnel are COVID free before entering the premises;	
Provide and ensure that assigned personnel observe IATF prescribed safety protocols (ie. face mask, and observe social distancing) within the DFA premises and comply with DFA security requirements;	
3. Provide during work and submit and secure the approval of OAMSS-EMD of the Contractor's COVID-19 health & safety protocols for the duration of their contract; and	
Provide its personnel isopropyl alcohol and hand soap for personal hygiene.	
	b. Relevant Education and levels and dates; c. Chronological employment history, including role in any previous similar projects; and d. At least two (2) years of experience in similar projects. 3. Foreman Assigned foreman will work under the direction of the Contractor/Project Engineer to identify phases of the work. He/She shall be responsible with the timely progress monitoring of the project and ensure workers are knowledgeable and qualified, and assign them according to their skill sets. The Contractor shall provide the following information: a. Relevant Education and levels and dates; b. Chronological employment history, including role in any previous similar projects; and c. At least two (2) years of experience in similar projects. WARRANTY SECURITY 1. The Contractor shall provide a warranty against defects in the workmanship in accordance with Section 62.2 of RA 9184's IRR. 2. The Contractor shall post any allowable form of warranty security in the appropriate amount, valid for at least one (1) year from the issuance of a Certificate of Final Acceptance. SCHEDULE OF WORKS The Contract will be implemented upon the issuance of the Notice to Proceed. The duration of the contract is Six (6) months from the start of the implementation. COVID-19 PREVENTION The Contractor shall: 1. Ensure that assigned personnel are COVID free before entering the premises; 2. Provide and ensure that assigned personnel observe IATF prescribed safety protocols (ie. face mask, and observe social distancing) within the DFA premises and comply with DFA security requirements; 3. Provide during work and submit and secure the approval of OAMSS-EMD of the Contractor's COVID-19 health & safety protocols for the duration of their contract; and 4. Provide its personnel isopropyl alcohol and hand soap for

XV. TERMS OF PAYMENT

Terms of Payment

- 1. Progress billing and payment shall be as follows:
 - a. 5% of the Contract Price: Upon submission of Inception Reports (refer to "Annex A" for Inception report overview).
 - b. 10% of Contract Price: Upon complete delivery of engineering design and details.
 - 20% of the Contract Price: Upon mobilization of construction materials.
 - d. 35% of the Contract Price: Upon completion of 50% construction accomplishment and complete delivery of materials.
 - e. 30% of the Contract Price: Upon completion of the project.

Ten percent (10%) of the gross amount due for each of the progress billings shall be withheld by the Department as retention money. The retention money shall be released only after the issuance of the Certificate of Final Acceptance by OAMSS, and submission by the Contractor of the required warranty security, as stated in these Technical Specifications.

The Contractor shall be paid within thirty (30) working days upon the submission of the sales invoice, or its equivalent, and other supporting documents examined by the Office of Financial Management Services-Financial Resource Management Division (OFMS-FRMD). Payments shall be made through List of Due and Demandable Accounts Payable (LDDAP).

All payments shall be inclusive of all applicable taxes and other lawful charges.

Bidder must state compliance to each of the provisions in the Terms of Reference/Technical Specifications, as well as to the Schedule of Requirements. The Statement of Compliance must be signed by the authorized representative of the Bidder, with proof of authority to sign and submit the bid for and in behalf of the Bidder concerned. If the Bidder is a joint venture, the representative must have authority to sign for and in behalf of the partners to the joint venture. All documentary requirements should be submitted on or before the deadline for the submission of bids.

Bidders must state here either "Comply" or "Not Comply" against each of the individual parameters of each specification stating the corresponding performance parameter of the equipment offered. Statements of "Comply" or "Not Comply" must be supported by evidence in a Bidders Bid and cross-referenced to that evidence. Evidence shall be in the form of manufacturer's un-amended sales literature, unconditional statements of specification and compliance issued by the manufacturer, samples, independent test data etc., as appropriate. A statement that is not supported by evidence or is subsequently found to be contradicted by the evidence presented will render the Bid under evaluation liable for rejection. A statement either in the Bidders statement of compliance or the supporting evidence that is found to be false either during Bid evaluation, post-qualification

or the execution of the Contract may be regarded as fraudulent and render the Bidder or Supplier liable for
prosecution subject to the provisions of ITB Clause 3.1 (a)(ii) and/or GCC Clause 2.1 (a)(ii).

Conformê:

[Signature/s]

[Name of the Bidder/ Bidder's Authorized Representative/s]

[Position]

ANNEX A

INCEPTION REPORT TITLE PAGE AND TABLE OF CONTENTS

(COMPANY NAME AND LOGO)

CONTRACTOR

DEPARTMENT OF FOREIGN AFFAIRS

CLIENT

"DFA CAGAYAN DE ORO PROPERTY RENOVATION AND REHABILITATION WORKS"

PROJECT TITLE

INCEPTION REPORT

CONTENTS

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2.0	PROJECT SCOPE OF WORKS
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4.0	CONSTRUCTION METHODOLOGY
5.0	PROJECT MANAGEMENT TEAM CHART
6.0	GANTT CHART
7.0	DELIVERABLES

BILL OF QUANTITIES
PROJECT: DFA Cagayan de Oro property renovation works
LOCATION: Limketkai, Cagayan de Oro
PROJECT DURATION: 6 Months

1										2					
ITEM		απ.	TIND			DIRECT COST			PERCENT		2	TOTAL MARK-UP	5% VAT	TOTAL INDIRECT	TOTAL COST
				MATERIAL	LABOR	EQUIPMENT	UNIT COST	TOTAL	OCM PROFIT		%	VALUE		1800	ĺ
		(1)		(2)	(6)	(4)	(5) (2+3+4)	(6) (1*5)	(7)	(8)	(6)	(10) (6 X 9)	(11) (5% X (6+10)	(12) (10+11)	(13) (6+12)
PART	GENERAL REQUIREMENTS														
	1. Mobilization/ Demobilization and Inception reports	1	r.s	,					4%	4%	8%				E.
	2. Temporary Facilities (Offices, work shops, storage, office supplies and workmen accomodation for contractor)	1	S'I						%	%		e.	e.	e.	¢.
	4. Permits, Fees and Clearances	F	L.S						%	4%	%8				e.
	6. Conduct Testing and commissioning including leak tests	-	S						%	4%	Н		٠.	ē.,	e.
	8. Produce and provide shop drawings.	-	L'S						4%	4%	8%		٠ 4		٠. "
	9. Produce and print Bill of Materials, Bill of Quantities and As-Built Drawings including Architectural, Structural, Sanitary/Plumbing,														
-	Electrical, Mechanical and Fire Protection. Three (3) blueprint copies size ARCH D (24x36 inches) and one (1) electronic copy in PDF format	-	S						4%	4%			, a.	, Æ	
	10. Temporary Safety, First Aid Facilities & Equipment	-	L'S						<u>*</u>	4%	Н				, e.
	11. Inspection provisions for DFA inspection team (0%, 50% and	3	trip/s						4% —	%0	4%	٠.	-	-	ė.
	12. Safety requirements againts COVID19 under DPWH DO.39	1	L.S						4%	4%	8%		, 84		ė.
_	13. Cleaning and Waste Management	4	month/s						4%	4%				, ф.	ė.
	SUB-TOTAL PART!														
PARTIL	KRCHITECTURAL														1692
	A. Exterior Architectural														
	1. Exterior wall														
	1.1 Painting Works									_					
	1.1.1. Repainting works							***							
	1.1.1.1. Dark Blue Elastomeria/ Semi-Gloss Paint	15.465	sq.m.						8%	8%	16%	ı L		, &	s.
	1.1.1.2. Blue Gray Elastomeric/ Semi-Gloss Paint	16.87825	sq.m.						%	8%	16%	-			
	1.1.1.3. Off White Elastomeric/ Semi-Gloss Paint	87.49515	sq.m.						%8	%	16%			E.	¢.
	1.2. Tiling works										\neg			:	
	1.2.1 Accent State Tiles (60x60 cm)	38.1443	sq.m.						8%	8%	16%	, £		, £.	î. B.
	1,3. Signage										\dashv				
	1.3.1. Supply and installation of a ctylic-brass DFA logo with backlight		set		Ţ				%8	%8	16%			8-	
	1.3.2. Supply and installation of stainless steel signage in accordance to the Architects design and specifications	-	set						%	%8	16%		a.		e.
	1.4. Supply and installation of 20mm aluminum C-channel	8.168	Ë.						%	8%	16%		-		r.
	1.5. Plant box finishes								8%	8%	16%				:
	1.5.1. Application of new stucco finsih in lace trowel texture ("anay" texture)	6.99	SQ.M.							%8	16%		e.	، هـ	e.
			ı												

-					-		-	-	F	-			-			Γ
	2. Exterior Ceiling							+	+	+						Τ
	2.1 Supply and installation of 12mm thick Moisture Resistant (MR) gypsum board in flat white painted finish (C-03)	24.36	sq.m.		!			8%	8%	16%		n.	a.		a .	
_	2.2. Supply and installation of 7"x2.95m PVC ceiling panes (White wood grain finish) (C-04)	89.79	sq.m.					8%	8% 16	16% P	•	, B-,	2.		8.,	.[
	3. Exterior Flooring					į				\dashv						T
	3.1. Replacement of existing pavers to square concrete pavers (60x60 cm) (F-04)	40.88	sq.m.					8%	8% 16	16% P	•	, g.,	8.	•	g.,	
	3.2. Supply and installation of non-skid 30x30 cm beige slate-like titles for stairs, (F-03)	28.89	sq.m.						8%	16% P		p.	<u>e</u> .	,	۵.	٦.
<u>-</u>	3.3. Installation of cement flooring in textured brush finish for PWD (ramp. (F-05)	18,94	sq.m.				Ψ.	8% 8	8% 16	16% P	·	a.	E _r		₽.,	
	4. Doors and Windows	-							-	-			_			
	4.1. Replacement of broken glass window left side of the building	· · ·	sq.m.					%	8% 16	16% %		4			ŝ.	
	4.2. Cleaning of existing windows	71.13	sq.m.					8%	9%	16% P	.	8.	2.		a.	,
	5, Others								\dashv	-						
	5.1. Enhancement of existing landscape	-	<u>5</u>			-		<u>" </u> %	16	16% P	,	a.	£.,		8.	
	5.2. Painting works using reflective traffic paint at parking area	7	sq.m.					_L	16	16%			۵		•-	
	5.4. Installation of new hot membrane or cementitious waterproofing at roof deck including surface preparation	511.70	sq.m.		·				8% 16	16%	•	, Bu	ĝ.		e.	,
	5.5. Demolition works shown in plans.	1	ţoţ					8%	16	16% P		E.	e.	1	Đ.	
-	B. Interior Architectural				_				-	\dashv						
	1, Interior wall					ļ			\dashv	\dashv						Τ
	1.1. Painting works								+	+				.		
	1.1.1. Repainting works vanilla ice semi gloss latex (WF-01)	675.20	sq.m.					8% 8	8%	16% F		e.	e.		в.	
	1.2. Tiling works				:		i		+	\dashv						Т
	1.2.1 Removal of existing wall tiles					E			\dashv				1			
	1.2.2 Supply and installation of new 30x30 cm gloss white wall tiles for toilet (WF-02)	29.45	sq.m.			:		%8 8	8%	16% 1-		6.	Ē.	1	e,	
	1.2.3. Installation of new 10x20 cm subway white tiles for kitchen backsplash (WF-03)	2,45	sq.m.		:			%	36%	16%		, e.	B.		s.	
	1.3. Operable wall						ļ									T
	1.3.1 Installation of operable wall/accordion door in laminated MDF finish for conference room including all accessories and consumables in accordance to plans and specifications.	-	ō					8%	8% 16	16% F		٠.	₽		£.	.[
	1.4. Masonry works (see attached plans for location)									1			4			
	1.4.1, Painted CHB wall at entrance	4.2	SQ.M.					<u>~</u>] %	9%	16% P		P.	۵.		a.	,
	1.4.2. Painted CHB wall at kitchen	2.1	sq.m.					8 %8	8%	16%			£.		8.	
	1.4.3. Painted CHB wall at holding area	2.1	SQ.M.					%8	9%	16% P			۵.		a.	,
	2. Interior Ceiling			_				-	\dashv	\dashv						

 2.1. Supply and installation of new ceiling boards including hanger supports, accessories and consumables.															
2.1.1. Tollet areas 3.5 mm x 4" x 8" Fiber cement board (C-03)	25,29	SQ.M.					*	8%	16%	2	•	•		a.	,
2.1.2. General Ceiling at storage and other non-office/ support areas: 3.5 mm x 4' x 8' Fiber cement board (C-02)	407.28	sq.m.					*	8% 8%	16%	8.			a.	a.	•
2.1.3. Office areas: 60x60 cm acoustic ceiling panel boards (C-01)	224.81	sq.m.			_		- 80	8% 8%	16%	9.,	2-	٠	ė.	5	
3. Interior Flooring									_		_				
3.1. Removal of existing floor tiles	-	<u>t</u>						-	-		+				
 3.2. Supply and Installation of new tiles						-		-	+		+			-	
3.2.1. General flooring on all areas: 60x60 cm white carrara marble-look porcelain tiles (F-01)	545.55	sq.m.					**	8% 8%	16%	B.,	e.	•	Ē.	ė.	,
3.2.2. Toilet and kitchen: 30x30 cm non-skid white tiles. (F-02)	25.30	sq.m.					8	%8 8%	16%	6.			e.	a.	-
 4. Doors and Windows								4	\dashv				ļ	-	
4.1. Doors								-			-				
4.1.1. Relocation of kitchen door	-	set						8% 8%	16%	<u>.</u>			ı.	e.	
4.1.2. Removal of pantry door	-	lot					*	8%	-	ĝ.	£.,		£.,	a.	•
4.1.3. Removal of unnecessary entrance door in front	1	łot					*	8%	16%	ė.	<u>e.</u>	•	£.	a.	-
4.1.4. Re-painting/Restaining of wooden doors including installation of new hardwares such as door hinges and door knobs.	20	sets		-			8	8% 8%	16%	ß.,			ĝ.	8.	'
4.2. Windows								_	_						
4.2.1. Repair deteriorated window framing and accessories.	1 5	Sq.m.					*	8%	16%	£		•	£	8.	
4.2.2. Cleaning of window glassess and frames.	72	sq.m.		_				8%	16%	p.	-		ē.	e.	
4.2.3. Repainting works of window steel grills	14.4	sq.m.					8	8% 8%	16%	£.	£.		å.	£.	•
5. Modular works								\dashv	\dashv		-				
5.1. Kitchen						•		-	4		-			\downarrow	
5.1.1. Kitchen countertop									-						
 5.1.1.1.Supply and Installation of 1/2 Granite Slab in Bulinose finish including consumables and accessories	-	ō	,					%8 %8	16%	a.			₿u.	Be	'
 5.1.1.2. Fabrication of kitchen cabinet using ¾. Marine Plywood in Ducco Painted Finish or Laminated Finish (preferred) including hardware, consumables and accessories	-	<u>o</u> t						%8 8%	16%	6.	a.		£.	a.	
 5.1.2.Fabrication of overhead cabinet using 3/2 Marine Plywood in Ducco Painted Finish or Laminated Finish (preferred) including hardware, consumables and accessories. Fabriacation of open shelves cabinet		ō						%8 8%	16%	g.,	e.,	ı	Ē.	c.	
5.2. Others								1	-		-				
5.2.1. Furnishings:					ŀ			-	_		+			-	
5.2.1.1. Supply and installation of combi blinds for windows.	71.1347	SQ.M.					***	%8 %8	16%	9.	a.	•	•	2.	,
								+	+						
								-	$\frac{1}{2}$		-			-	

	SIB-TOTAL PARTIL						•			Ē			•		Г
PARTIL	PART III (1) HECHANICAL (**) TO THE BASE OF THE BASE O						10 mg/kg/s		24.15					A A CONTRACTOR	100
	AIR CONDITIONING UNITS														T
	5 TR Floor Mounted Inverter Type (Lounge/Waiting Area)	2	Sets					8%	8%	16%	٠			B.	T
	5 TR Floor Mounted Inverter Type (Processing Section)	1	Set					%8	8%	16%		·	a.	B.	П
	3 TR Floor Mounted Inverter Type (Releasing & Cashier)	-	Set					%	%8	16%	٠			· di	
	1 TR Wall Mounted Inverter Type (Coference Room)	+	Set					%	%8	16%			e.	8 .	
	4 TR Floor Mounted Inverter Type (Open Office Area)	1	Set					8	%8	16%		e,	e.	Ē.	
	2 TR Wall Mounted Inverter Type (Function Hall)	-	Set					%	8%	16%		, e.	£.		
	Widow Inverter Type (Office 1 and Office 2)	2	Sets			;		8%	%8	16%	•	e.	e.	, I	
	VENTILATION UNITS														
	Ceiling Mounted Exhaust Fan (Toilets))	4	Units					%	8%					ē.	П
	Air Cooler (Holding Area)	-	Crit				_	8%	%8	┪	•	e.	•	· •	П
	SUB-TOTAL PART III			:			•					1	•	L	7
PARTIV	ELECTRICALD														13
	1. Lighting Fixtures (including necessary supports, boxes & dropped flexible metal conduit)														
	a. 2x18W Led Troffer Light (600mm x 1200mm)	29	set/s					%	%8	16%		, s.	a.	<u>.</u>	7
	b. 9W Led Recessed Mounted Down Light	120	set/s					%	%8	16%	ė.	E.	e.	a.	
	c. 20W LED Tube Light Batten Type	33	set/s					%	8%	16%	1		é.	ė.	\neg
	d. Emergency lights	25	set/s					%	%8	16%	٠		e.	<u>.</u>	\neg
	e. 3W Led Exit lights	10	set/s					8%	8%	16%			, e.,	s.	\neg
	2. Complete electrical works (Power and Lighting System)							_							\neg
	a. Supply and installation of wiring devices							_							T
	1). Simplex convenience outlet	25	s/od					<u>%</u>	8%	16%			· e_	ė.	\neg
	2). Duplex Convenience Outlet Grounding Type	100	pc/s				:	<u></u> %	%8	16%		<u>.</u>	<u>.</u>	6.	
	3). Duplex Convenience Outlet Grounding Type WP	10	spd					%	8%	16%				·	\neg
	4). ACU Outlet (SPO)	6	set/s				-	<u></u> ‰	8%	16%		e.	£	ů.	
	5). Range Outlet (SPO)	-	spd				_	<u></u> ‰	%	16%			· ·	Ď.	П
	6). Laundry Outlet (SPO)	0	pc/s					%	8%	16%	٠,	•	e.	۵.	T
	7). Water Pump Outlet (SPO)	1	bc/s					%	%8	16%	•		e.	Ď.	7
	8). Refrigerator Outlet (SPO)	1	bc/s				_	*	8%	16%	٠		e.	8.	1
	9). Switches (1 gang) with plate	35	pc/s		_			%	8%	16%	, g.	e.	e.	ē.	
	10). Switches (2 gang) with plate	10	bc/s					*	8%	16%			e.	e.	П
	11). Switches (3 gang) with plate	10	pc/s					%	8%	16%		·	e.	î E.	T
	12). Switches (3-Way) with plate	25	bc/s					8%	%8	16%	٠			ů.	П
	b. Wires & Cables (including connectors, tapes, etc)														П
	1).3.5 mm² THHN Wire	6277	lm/s					8	8%	16%				•	П
	2). 5.5mm² THHN Wire	456	lm/s		_			%8	8%	16%		•	ė.	·	\neg

F		-						_	L			_	-		-	
-	c. Grounding		1						1	7007		١,	1 5	•		
	1). 3.5 mm² THHN Wire	3183	S/E					%8	% 60	16%		B	<u>-</u>		£.	
	d. Conduiting Works (Including all necessary fittings, supports,											-	+			
-	1), 15mmØ EMT Pipe	777	g					88	8%	16%		ē.			•	
╀	2) 25mm x 12mm PVC Moulding	500	s/ml					8%	8%	16%	·	₽.,	•		8.	
\vdash	3. Sub-feeder Cables(MDP to Lighting and Power Panels)	┢											-		-	
-	a, Conduiting Works (Including all necessary fittings, supports,	_														
+	15mmØ EMT Pipe	82	sßı				,	8%	%8	16%	2.	۵.			6.	•
-	20mmØ EMT Pipe	3	sß					%8	8%	16%	ě.	B -1	•		B .,	•
+-	32mmØ EMT Pipe	6	<u>s</u>	:				8%	8%	16%	L	e.			P.	
╁	40mmØ EMT Pipe	8	ŝ					8%	8%	16%	4	<u>a</u>			ß.	
+	65mm@ IMC Pipe	15	<u>s</u>					8%	8%	16%	t.	一	•		£.,	
+	b. Wires & Cables (including connectors, tapes, etc)							_								
+	3.5 mm² THHN Wire	510	s/mi					%	8%	16%	ů.	e.	,		8.	•
\vdash	5.5mm² THHN Wire	25	s/ml					%	%	16%	•	a.	•			
<u></u>	8.0mm² THHN Wire	45	s/wl					88	8%	16%		1	•		-	
1_	30mm² THHN Wire	75	s/ml					8%	%8	16%	ů.	a.	•		a.	•
	38mm² THHN Wire	-55	s/mi			:		*	8%	16%	£.	8.	•		<u>a.</u>	
<u> </u>	125mm² THHN Wire	100	s/ml					8%	8%	16%	e.		٠.		۵.	'
1	i Grounding								_						_	
1_	3.5 mm² THHN Wire	98	s/ml					8%	%	16%	•	£.	•		<u>e</u>	
<u> </u>	5.5mm² THHN Wire	40	s/m;					8%	8%	16%	ė.	£.	•		£.	•
<u> </u>	8.0mm² THHN Wire	25	s/ш					<u></u>	%	16%	<u>.</u>	a	•		<u>e</u>	
<u>!</u>	14mm² THHN Wire	25	lm/s					8%	%8	16%	.	Ē.	•		-	
1	30mm² THHN Wire	35	s/ml				-:	8%	8%	16%	ė.	۵.	٠.		e ·	•
	4. Panel Boards								_				+		-	
_	Main Distribution Panel (MDP)														-	
	Main: 250AT, 400AF, 230V, 3P, _KAIC MCCB in nema-1	-	Assy.					86	%8	16%	6.	€.,	•		B.,	
	Branches:		į		ı								+			
	1-3P, 230V, 125AT/225AF/_KAIC							+	1				╁		1	
L	1-3P, 230V, 100AT/100AF/_KAIC							+	_			\downarrow	_		$\frac{1}{1}$	
	1.3P, 230V, 75AT/100AF/_KAIC								_							
	1-3P, 230V, 40AT/50AF/_KAIC						i	1				i				
	2-3P, 230V, 30AT/50AF/_KAIC							+	_				\dagger			
	1-3P, 230V, 20AT/50AF/_KAIC			_				-	_	_					+	
L_	LPB-1								\downarrow				+		-	
ٺـــا	Main: 30AT, 50AF, 230V, 3P, KAIC MCCB in nema-1 enclosure		Assy,		3		1	8%	8%	16%	e.	£.	'		B.,	
	Branches:							1					+			
	6-2P, 230V, 20AT/50AF/10KAIC		İ						_			_	\dashv			
L								İ								

	2-2P, 230V, 20AT/50AF/10KAIC (SPARE)								-							
51	LPB-2						-	-	+			-				Τ
	Main: 30AT, 50AF, 230V, 3P, KAIC MCCB in nema-1 enclosure	Assy.					-	8%	%8	16%		<u>e.</u>	•			
	Branches:							-								T
	11-2P, 230V, 20AT/50AF/10KAIC								1	_			-			Т
	1-2P, 230V, 20AT/50AF/10KAIC (SPARE)		ļ		i		-			_			+		;	
	PPB-1								_	_						-
	Main: 75AT, 100AF, 230V, 3P, _KAIC MCCB in nema-1	Assy.						%8	8%	16%	Ē.	e.	<u>a.</u>		8.	
	Branches:						ì		_	_						
	2-2P, 230V, 30AT/50AF/10KAIC			!									_			Т
	5-2P, 230V, 20AT/50AF/10KAIC															
	3-2P, 230V, 20AT/50AF/10KAIC (SPARE)								4							
	PPB-2								_		ļ		1			1
	Main: 40AT, 50AF, 230V, 3P, KAIC MCCB in nema-1 enclosure	Assy.						ão	8% 8%	16%	4.	e _	<u>a.</u>	,	e.	$\overline{\cdot}$
	Branches:					_			\dashv				+			T
	7-2P, 230V, 20A7/50AF/10KAIC								-			į	+			1
	1-2P, 230V, 20AT/50AF/10KAIC (SPARE)		:							_			+			
	ACU PB-1	Assy.			_			8	8% 8%	16%	a.	-	-	1	2.	$\overline{\cdot}$
-	Main: 125AT, 225AF, 230V, 3P, _KAIC MCCB in nema-1								_				_		1	T
_	Branches:								_	\perp			+			
	2-3P, 230V, 40AT/50AF/_KAIC							1	-							
	2-3P, 230V, 25AT/50AF/_KAIC															
_	1-3P, 230V, 20AT/50AF/_KAIC								1		,	-	1			T
	ACU PB-2	Assy.						8	%8 %8	16%	ē.	-	B.,		£	$\overline{\cdot}$
	Main: 100AT, 100AF, 230V, 3P, _KAIC MCCB in nema-1												-			Ţ
-	Branches;				-				-				+			T
	1-3P, 230V, 60AT/100AF/_KAIC						-			-			+			
_	1-3P, 230V, 40AT/50AF/_KAIC								+	_		-	+			
	2-3P, 230V, 20AT/50AF/_KAIC			ļ					+	_			+			Τ
	5. Others								-	+						
	a. Electric Meter	1 set/s		_	_	- 1			8% 8%	\dashv	<u>a.</u>		<u>e.</u>		•	·
	b. 1.5 HP, 230V, 3P, 60Hz, Automatic Water Booster Pump	set/s		_			1					۵.	<u>e.</u>			$\overline{\cdot}$
	c. Surface Type Utility Box	s/od							8% 8%	16%		e.		•		-
	SUB-TOTAL PART IV						_	•		-	4	a.	•	•		•
PART V.	PLUMBING/SANITARY															
	Declogging works of existing plumbing and sanitary system.															
	 Complete plumbing and sanitary works (including lavatory and water closet) for toilet and bath 															
						1		1		$\frac{1}{1}$		-	$\frac{1}{1}$			1

1 200		2.1. Plumbing Fixtures								:				
2. Libertory butter forcing 2. L		2.2. Water Closet	7	spd			%	8%	-		•	£	,	
2. Lancatory journ monology 2. Lancatory journ monology <t< th=""><th></th><th>2.3. Lavatory</th><th>4</th><th>spd</th><th></th><th></th><th>%8</th><th>%8</th><th></th><th></th><th></th><th>a.</th><th>寸</th><th>2</th></t<>		2.3. Lavatory	4	spd			%8	%8				a.	寸	2
1.2. Unidad 1.2. Option		2.4. Lavatory (wall mounted)	3	spd			%8	8%	16%			8. ,		
2.0	-	2.5. Urinal	2	spd			-% %	8%	_			ē.		· e.
2.5 Productionally Carrow Management of policy personal productional p	_	2.6.Urinal Flush Valve	2	pc/s			%8	%8	$\overline{}$:		e.	•	B.
1.5 Statistic St		2.7.Bidet (set)	7	pc/s			%8	8%				£.		e.
2.5 Poper drain (Form of) 2.5 Poper drain (Form of)		2.8.P-trap (50mm Ø)	7	spd			%8	8%	$\overline{}$			E.,	•	-
3. Complete plumining and setlating worked for kitchean 3. Liberiales seal kitchean including communities in pols in p		2.9 Floor drain (75mm Ø)	9	spd			8%	8%				٠.	1	
11. Stankfoots treat Noticher Sharm Stank and Bucek including consumables 1 pols	3. Complete plumbing and sanitary works for kitchen													
3.4 Consess Trop, Tight 1 pois 2 pois		3.1. Stainless steel Kitchen Sink and faucet including consumables	-	spd			%8	8%	_			£		·
3.5. PVC Pupe including pipe littings, Stamm Ø s' 3m i pods i pod		3.3. Grease Trap, 7gpm	1	s/od			8%	8%	_			8 .,		
1.5 PVC Putp (50mm 0) 1 pols 1 po		3.4. PVC Pipe including pipe fittings, 50mm Ø x 3m	1	spd			%	8%				g.,	•	
FighE-Procession 10 pols 1		3.5. PVC P-trap (50mm Ø)	1	spd			8%	8%	-	į		B .e	,	·
Fight Priority Figh Priority Fi		SUB-TOTAL PART VI								· ·		£	•	£.,
1. Dortable Fine Excitaguisher - (10bs ABC Dy Powder 10 pols 10	PART VI.	16131.00						•					50 4 80 E 14 E	
SUB-CTACL PART VIII CCTV system F		1	10				8%	8%	\rightarrow		:	ē.	•	B.
OTMERS OPTIVERS CCTV system 6 85 87 105	_	SUB-TOTAL PART VII			•					B.,		a.		L
1. CoTV system. 8 selfs 9 65 16% 7 7 7 1.1. Vandal Proct Dome IR IP Camera 1 pds 6 65 16% 7 7 7 1.2. 1080P Real-lime 16 Charmel PoE Emableot Network Video 1 selfs 6 6% 16% 7 7 7 1.3. HOMI Extender (Transmiter and Receiver) 1 pds 6 8% 16% 7 7 7 7 1.5. LiSHOMI Extender (Transmiter and Receiver) 1 pds 6 8% 16% 7 7 7 7 7 1.5. LiSHOMI Extender (Transmiter and Receiver) 1 pds 6 8% 16% 7	PARTVII													
Emerlied Network Video 1 page 98 98 98 16% P <th< th=""><th></th><th>_</th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th></th<>		_												
1 pods 9% 8% 6%		1.1. Vandal Proof Dome IR IP Camera	8	spas			— %	8%				<u>L</u>	-	•
Free First stratter and Receiver) 1 pecks Pecks <t< th=""><th></th><th>1.2. 1080P Real-time 16 Channel PoE Enabled Network Video</th><th>-</th><th>spd</th><th></th><th></th><th>%</th><th>8%</th><th></th><th></th><th></th><th><u>e</u></th><th></th><th>·</th></t<>		1.2. 1080P Real-time 16 Channel PoE Enabled Network Video	-	spd			%	8%				<u>e</u>		·
Displays (32") 2 pols Displays (32") 2 pols Displays (32") 1 pols Displays (32") 2 pols Displays (32") 2 pols Displays (32") 2 pols Displays (32") 2 pols Displays (32") Displa		1.3 HDMI Extender (Transmitter and Receiver)	1	set/s			%8	8%	_			£.	,	•
2 pods pods 90 80% 80% 16% 7	!	1.4 HDMI Splitter	1	sjad			%8	8%	_			a.	•	·
1 pols 1		1.5. Large Format Displays (32")	2	s/pd			8%	8%				_	,	
100 10/4 100 10/4 100 10/4 100 10/4 100 10/4 100 10/4 100 10/4 100 10/4 1		1.6 Hard Disk Drive Storage (3TB)	1	spd			%	%8				-	•	
100 lg/s	- <u>-</u>	1.7 4prs UTP CatSe Cable	350	tm/s			8%	8%				8 .	•	•
100 [g/s]		1.8 Conduits												
10 links 8% 16% 8% 16% 8		1,8,1, 15mm/3 EMT Pipe	100	s/6l			%8	%8		•	· e.	a.	•	4.
10 pc/s		1.8.2. 20mmØ EMT Pipe		s/bl			%8	8%	16%		·	£.		
6 6		1.8.3.2"x2" Wire Moulding	10	s/wl			%	8%	\rightarrow			٤.	-	
		1.9. Pullbox (150mm x 150mm x 70mm)	10	s/od			%8	8%	-			e.	-	_
TOTAL (I-II-III-IV-V-V-V-V-VI)		SUB-TOTAL PART VII									e.	₽.	•	B-1
CRAND TOTAL		TOTAL (I+II+III+IV+V+VI+VII)						1	\exists					6.
		GRAND TOTAL											1	, Be

PREPARED BY:

DATE

FULL NAME AND SIGNATURE