

QUOTATION

Bidder Name :
 Address :
 Telp. : Fax :
 Contact name : E-mail :

BIDDER's Offer Ref:

Dear Sirs,

We are pleased to submit herewith our offer to the above referred request for quotation. We hereby confirm our acceptance of all terms and conditions of your inquiry and that our prices are quoted accordingly.

Company's requirements :

Incoterm : DDP - TEPI Balikpapan Warehouse
 Final delivery address : Balikpapan
 Delivery date :

The source of supply of the GOODS and the delivery terms of our offer are in accordance with the attached detailed list and summarized hereafter:

Principal's name (Supplier or Manufacturer)	Incoterms	Delivery place	Weight (Kgs)	Delivery terms (Weeks Aro)
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____

Material Status: EX-STOCK / TO BE MANUFACTURED *) circle your choice

You will find attached herewith the following documents which are part of the present offer:

- the detail list of **GOODS** offered,
- the letters of support from **PRINCIPAL(s)**:
- the bid bond issued by for an amount of
- the following other documents (drawings, brochure, etc.):

The total amount of our offer for _____ items is :

Currency : _____
 Total Gross amount : _____
 Discount: _____ % : _____
 Net amount : _____

Payment of invoice(s) could be made by way of Transfer to:

Beneficiary Name : _____
 Bank Name : _____
 Bank Address - City : _____
 Account Number : _____

Our present offer is valid until: ____/____/____ (60 or 90 or 120 calendar days from Closing date)

Signature :

Date :

Name :

STAMP

Item	Mat No. Desc.	Source Supply (Principal/Place)	Delivery (Weeks ARO)	Quantity	Unit	Unit Price/Curr	Total
1	1192825			2	EA	/	
	O/S : Windows Vista, windows 7, 64 bit; Hard disk capacity 2 TB, integrated ethernet controller, c/w Monitor 20 inch ,keyboard, mouse , power cord, CCTV Brand : DELL, HP Certificate/Documentation required: Certificate New and Genuine						
2	1196770			1	EA	/	
	Work Station ClientPC Z400 + Monitor Certificate/Documentation required: Certificate of Compliance Type 2.1						
3	1191972			59	SET	/	
	Xprotect Enterprise Camera License XPECL, Milestone, CCTV Certificate/Documentation required: Certificate of Compliance Type 2.1						
4	1192826			1	EA	/	
	Managed switch 24 port, POE support, CCTV Brand : Linksys, Juniper, equivalent Certificate/Documentation required: Certificate New and Genuine						
5	1190808			5	EA	/	
	IP encoder, standard : ONVIF and compatible with Milestone, input video : BNC 75 ohm; Com port : RS-232/422/485; Ethernet port : 10/100 base -T, auto sensing, RJ-45; Resolution : CIF, 4CIF; frame rate : up to 30/25 (NTSC/PAL) fps; Video compression : H.264, M-JPEG, CCTV Certificate/Documentation required: Certificate of Compliance Type 2.1						
6	Installation, Test , Comissioning						
S. It	Srv No. Desc.	Source Supply (Principal/Place)	Delivery (Weeks ARO)	Quantity	Unit	Unit Price/Curr	Total
6.10	109890 TEL - CCTV Call-Off			1	LOT	/	
Total Gross amount:							
End of Quotation							

APPENDIX 1 SERVICES

A. OBJECTIVES

- 1) This document defines the Scope of Work and Technical Specification of Integrated CCTV Monitoring in Balikpapan Office and all of Production Sites of Total E&P Indonesia (HDL, CPA, NPU, and TRF). For other sites (CPU, SPS and SPU) is not part of this contract.
- 2) CONTRACTOR shall provision and integrate a complete CCTV system and be ensure has compatible to the existing CCTV system as per COMPANY requirement described on this document.

B. TIME FRAME

Contract Period	: 6 Months
Material Delivery time	: 10 (ten) Weeks after FOO
Installation	: 4 (four) Weeks
Commissioning	: 1 (one) Week
Documentation	: 2 (two) Weeks
Commencement date	: 2 Weeks after FOO
Expected Commencement Date	: 01 July 2013

C. PLACE OF SERVICES

Place of the installation to be delivered is within TOTAL EP Indonesia sites as follow but not limited to:

- a. Balikpapan
- b. Sites :
 - Handil II Base (HDL)
 - Central Processing Area (CPA)
 - Bekapai (BKP)
 - TRF
 - North Processing Unit (NPU)

D. SCOPE OF SERVICE

- 1) Highlight scope of this Contract as follow but not limited to:
 - a. CONTRACTOR shall do provisioning material stated, but not limited, on Equipment list (appendix 2), FAT, install, IFAT, commissioning, integration to existing and start up the CCTV system.
 - b. To integrate all non IP CCTV system to IP CCTV network with installing IP encoder, interface, switch, etc. as per configuration design.
 - c. To integrate local CCTV network to inter-site CCTV network.
 - d. View all of CCTV camera in Emergency room (TIEC in BPN and ECC on site).
 - e. CONTRACTOR should ensure the installation will meet with the requirements and compatible with the existing CCTV system.
- 2) All Equipment shall be brand new and fully supported under MANUFACTURER's warranty. License of each camera shall be equipped with Legal letter from manufacturer
- 3) CONTRACTOR shall submit to COMPANY the proposed proper installation with following detail but not limited to;
 - a. Time plan of installation
 - b. Bill Of Material
 - c. All survey result shall be consulted and discussed first with COMPANY to have approval before CONTRACTOR execute the installation.
- 4) CONTRACTOR shall organize Factory Acceptance Test (FAT) at CONTRACTOR or vendor premises, if not possible, the venue shall be mutually agreed between COMPANY and CONTRACTOR. The procedure of FAT must be provided by CONTRACTOR at least 2 (two) weeks before the date of FAT.
- 5) CONTRACTOR shall provide any supporting tools in FAT and commissioning purposes; nevertheless it is not part of material procured.
- 6) CONTRACTOR shall provide procedure documentations of commissioning test plans, test reports, and system acceptance test.
- 7) During operational commissioning, CONTRACTOR must demonstrate all functions and features of the EQUIPMENT, ensuring that it comply with the following key elements of the Technical Requirements & Specification but not limited to :
 - a) Network Connectivity
 - ✓ Link test from near-end to far-end hosts.
 - ✓ To ensure connectivity to firewall
 - ✓ Successful IP Video Encoder browsing test.
 - b) Implementation of Integrated CCTV Monitoring System.

Validation of installation and integration of CCTV monitoring system which allows monitoring of all CCTV cameras from both central and Local views as well as the system management with the following key elements, but not limited to:

 - ✓ Selectable camera views from the local XProtect Server and/or Smart Client in each Site.
 - ✓ Selectable camera views from Web based XProtect Client from Balikpapan.

8. CONTRACTOR shall issue an ACCEPTANCE LETTER only upon successful completion of installation, testing and operational commissioning. The Paper is duly signed together by an authorized Company's personnel and CONTRACTOR.
9. CONTRACTOR shall provide FINAL DOCUMENTATION in softcopy and hardcopy, The documentation shall comprise at least the following items:
 - a. List of installed Equipments, complete with its Type and Serial Numbers.
 - b. Installation diagrams on each site indicating the installed EQUIPMENT, cross-connect plan, and tagging.
 - c. A user manual /technical manuals of the installed EQUIPMENT.
 - d. Specific configuration network (e.g., running configuration).
10. CONTRACTOR shall conduct a in-house training to cover, but not limited, how to operate the system, first troubleshooting, system configuration, etc.

E. INSTALLATION TOOLS

1. CONTRACTOR shall provide proper tools as follow, but not limited to;
 - i Field Engineer tool set
 - ii Video Level Meter
 - iii Laptop
2. CONTRACTOR is allowed to use COMPANY's equipment or tools after having approval from COMPANY's representative and should be responsible for any damage and or malfunction caused by negligibility of CONTRACT.

F. RESPECT TO COMPANY RULES

- 1) CONTRACTOR shall respect to COMPANY's General Specification (EP-GS-TEL
- 2) CONTRACTOR shall respect and implement COMPANY Regulations in performing SERVICE to the COMPANY.
- 3) CONTRACTOR shall respect and implement COMPANY HSE CHARTER in performing the SERVICE.

G. REPORTING

As part of Maintenance Service CONTRACTOR shall produce comprehensive report to be validated by COMPANY as detailed on following points:

- a) PROGRESSION REPORT; shall detail as follow but not limited to;
 - 1) Installation and Measurement result
 - 2) Reliability of the system after/during installation by submit log/chart
 - 3) Updated drawing and document
- b) TEST AND COMMISSIONING REPORT

H. EARLY TERMINATION

- a. COMPANY has the rights to early terminate the CONTRACT in case of violation to the above requirement.
- b. Termination of whole CONTRACT and or partial SERVICE as per Standard Regulation of COMPANY's Contract with minimum thirty (30) days prior written notice to CONTRACTOR without having to pay any compensation except for the ORDER already rendered up to the date of such termination.

I. TRANSPORTATION AND ACCOMMODATION

Transportation and accommodation of CONTRACTOR's personnel at Balikpapan Office, HDL, and TRF shall be provided by CONTRACTOR with respect to COMPANY's HSE policies and for other sites (BKP, CPA, and NPU) will be provided by COMPANY.

J. TECHNICAL EVALUATION

- 1) As part of bidding process, Technical Evaluation will be based on score of key point could be collected by CONTRACTOR, the table and its key point score attached on Attachment 1. Minimum overall score shall be collected to pass the technical evaluation of this project is 79 and Must Have Requirement score is 100.
- 2) CONTRACTOR shall comply with all the Mandatory MHR as per attached Table of Compliance (Attachment 1), failure to fulfill one of them; CONTRACTOR shall be disqualified from the tender process.
- 3) The references documents to be evaluated on Technical Evaluation are as follows, but not limited to :
 - a. Supporting letter from manufacturer, principle or manufacturer's regional business partner specific to this project. (MHR)
 - b. List of CONTRACTOR experience in delivering CCTV system services (i.e. study, engineering, installation, maintenance, provision etc) for at least on last 2 years, complete with following information but not limited to;
 - i. Copy of Purchase Order or Outline Agreement or Framework Order
 - ii. Information of location of services
 - iii. Detail of contact person (name and phone number) of the user.
 - c. Experience in delivering services in the oil and gas industry is Must Have Requirement.
 - d. CONTRACTOR shall have and submit at least one experienced Engineer with at least has CCNA Certification and minimum one technicians, but not limited to add personnel for improving the performance
 - e. Detailed information of Engineer to be assigned in performing the SERVICE as described on Appendix 3.1
 - f. Proposed design including, but not limited to :
 - i. Brochure and detail specification of IP encoder, workstation, server, switch
 - ii. System design architecture
 - iii. Viewing of system application (in the form of Milestone application snapshot).
 - iv. Installation procedures, FAT documents.

- g. Project Management : schedule/time line, organization chart, etc
- h. Statement letter of compliance with manpower regulations.

TABLE OF COMPLIANCE (ToC)

TENDER NAME : CCTV Integrated Monitoring

TENDER NUMBER :

No	TECHNICAL ADMINISTRATION REQUESTED	Weight Factor (a)	Max Score (b=3*a)	Bidder Score (c)	Weight score (d=a*c)	REMARK & CONSEQUENCES
A PERSONELS PROFILE						
1	Experienced Engineer Profile					
	employee of the CONTRACTOR / Principles proved by Evidence of Employment letter	3	9			
	Bachelor Degree (S1 prefer in major of electronic, telecomm, electric) proved by Graduation Letter	2	6			
	Having at least 2 years experience support of CCTV system, especially Milestone Product (interview)	2	6			
	having a certification in CCTV system					
	- Milestone	3	9			
	- Pelco	2	6			
	- Other Brand	2	6			
	Having Cisco Certification at least CCNA	2	6			
	Familiar with maintenance tools, software and application used in delivering SERVICE (interview)	2	6			
B TECHNICAL EVALUATION DOCUMENTS						
1	Copy of valid Supporting Letter from manufacturer, principle or regional business partner					
	- Milestone	2	6			
	- Other Brands	2	6			
3	List of CONTRACTOR experience in delivering CCTV System services (i.e. study engineering, installation, maintenance, provision etc) for at least on last two years Proved by copy of Contract service/Outline Agreement/Framework Order	3	9			
5	Document of maintenance tools owned by CONTRACTOR complete with its copy of certification (if any) and signed by Project Manager or COMPANY Director	2	6			
7	Statement letter of compliance with manpower regulations	2	6			
8	CONTRACTOR Commitment Letter;					
	to commit that in month when early termination is applied, CONTRACTOR still responsible to prepare all documentation of e.g. reporting, preventive maintenance, spare part monitoring, etc on particular month, signed by CONTRACTOR's MANAGEMENT	3	9			

Weight Factor;

3 is a mandatory (must have requirement), min score shall be 3, else are failed

Bidder Score

0 is no data/information

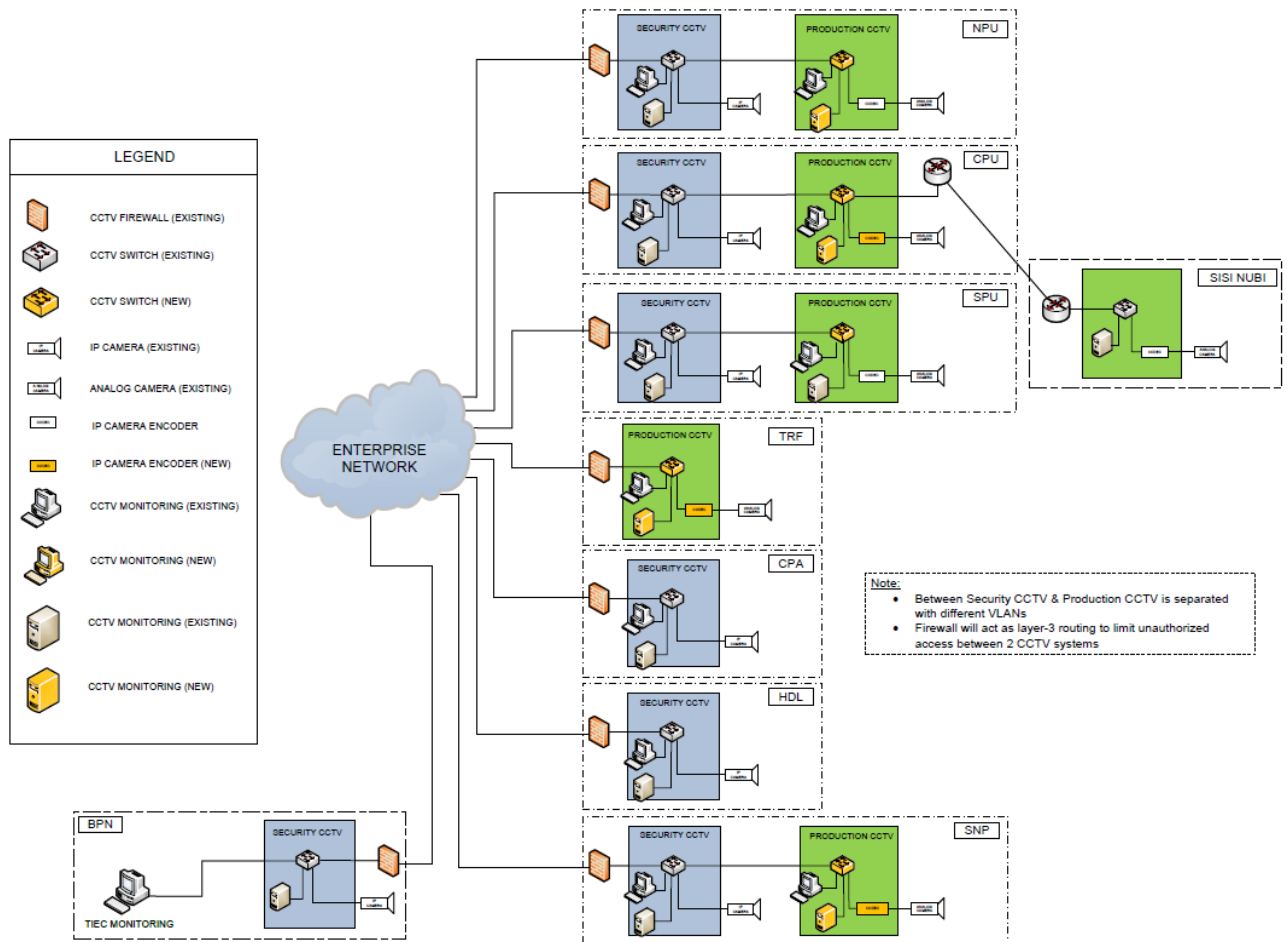
2 is Meet requirement

MAX TOTAL SCORE (Y)	
BIDDER TOTAL SCORE (Z)	
TOTAL SCORE (Z/Y)	

APPENDIX 2 TECHNICAL SPECIFICATION

I. NETWORK DESIGN

Below here is the proposed network design for CCTV Monitoring Integration



II. BILL OF MATERIALS

1) The following table is Bill of Material, but not limited to:

NO	Description	Brand	Type	Qty	
1	Server	HP	HP Z210 CMT WS + Monitor	2	units
2	Server w/ Recording Support	HP	HP Z400 CMT WS + Monitor	1	unit
3	Xprotect Enterprise License	Milestone	DLK	59	ea
4	Managed switch 24 port	CISCO	WS-C3560X-24P-S	1	unit
5	IP Encoder	PELCO	NET5401T	5	ea
6	Installation, Test and Commissioning			1	Lot

2) Hardware Specification

- a. Server HP Z210 CMT :
- b. Server HP Z400 CMT :
- c. Xprotect Enterprises License
- d. Managed Switch 24 Port WS-C3560X-24P-S :
- e. IP Encoder :

III. MATERIAL

1. CONTRACTOR Shall be prepare critical material for anticipating hardware broken and provide to COMPANY to be assessed , including database and software
2. CONTRACTOR is obliged to provide 1 (one) year warranty of product which is including replacement damage equipment and reconfiguration of system due to the replacement, starting on the *completion date*.
- 3) The warranty includes technical support by phone, e-mail and fax from COMPANY. During the warranty period, any damage equipment will be replaced in the delay of 2x24 hours maximum.

IV. SOFTWARE LICENSE REQUIREMENTS

- a. The CONTRACTOR shall provide all software provided by manufacturer as part of EQUIPMENT
- b. The manufacturer's software license terms & conditions (if any) shall be applied.
- c. All software must have original license certificates to be given to the COMPANY

APPENDIX 3

CONTRACTOR PROFILES

I. CONTRACTOR PROFILES

I.A. CONTRACTOR shall have at least 1 (one) Engineer and at least 1 (one) qualified Technicians for supporting the job proven by Curriculum Vitae and experience in CCTV system with qualifications as follows but not limited to;

The required Experienced Engineer's qualification as follows but not limited to;

- i. Curriculum Vitae of Engineer
- ii. Having Certificate in CCTV (prefer Milestone product)
- iii. List of experience in CCTV system for last 2 years
- iv. Employee of the CONTRACTOR/Principles
- v. Competency in CISCO Network design, at least CCNA certificate

I.B. CONTRACTOR shall have all necessary support facilities as follow;

- a) Administrative Office/ workshop with Telephone and Fax number
- b) Standby Engineer and Technician with email account and mobile phone number
- c) These personnel shall be available during installation and commissioning in Balikpapan (CONTRACTOR Office)
- d) Supporting work tools to be used in delivering SERVICE

I.C. The Engineers shall be employees of the CONTRACTOR or from Principles/Authorized Distributor who has ability and Certification for running the project.

I.D. The Technicians and Engineer shall be equipped with PPE (Personal Protective Equipment) that it must be in good condition and comply with Company HSE to perform the SERVICES.

I.E. During contract period, CONTRACTOR shall conduct yearly medical check up to technicians and engineer who deliver the SERVICES and submit the result to COMPANY. CONTRACTOR shall also to ensure validation of specific HSE certification of their personnel required in delivering the SERVICE respect to COMPANY HSE Policy.

APPENDIX 4 RENUMERATION AND PRICE QUOTATION

I. REMUNERATION

- COMPANY shall pay the services as follows :

NO	Description	Brand	Type	Qty		Unit Price (USD)	Total Price (USD)
1	Server	HP	HP Z210 CMT WS + Monitor	3	units		
2	Server	HP	HP Z400 CMT WS + Monitor	1	unit		
3	Xprotect Enterprise License	Milestone	DLK	67	ea		
4	Managed switch 24 port	CISCO	WS-C3560X-24P-S	1	unit		
5	IP Encoder	PELCO	NET5401T	3	ea		
6	Installation, Test and Commissioning			1	Lot		
TOTAL QUOTATION							

- COMPANY considers that a provision cost should be needed for this Service as stated on above table. Therefore, the CONTRACTOR shall mention this amount in its proposal. The consumption of this value shall be based on Quotation from CONTRACTOR and agreed by COMPANY Representative
- Payment will be based on SES (Service Entry Sheet) and shall refer to MONTHLY REPORT, Acceptance Letter for Installation Service or a Good Received Letter for Call Off duly approved by COMPANYs representative (IST/TEL/TOM).

APPENDIX 5

HEALTH SAFETY AND ENVIRONMENT (HSE)

I. HSE GENERAL REQUIREMENTS

1. CONTRACTOR shall respect and commit to Job Risk Assessment define by COMPANY on Attachment 1.
2. CONTRACTOR shall provide all PERSONAL PROTECTIVE EQUIPMENT (PPE) and other safety tools needed to perform the works refer to COMPANY policies.
3. If necessary, upon COMPANY authorization, CONTRACTOR is allowed to use COMPANY materials, equipment and or facilities to perform the SERVICES requested by COMPANY.
4. During bad weather, a Safety Officer approval is required to carry out the outdoor and indoor work.
5. CONTRACTOR shall respect COMPANY General Terms and Conditions in performing the SERVICE.
6. CONTRACTOR shall respect and implement COMPANY Regulations in performing SERVICE to the COMPANY.
7. CONTRACTOR shall respect and follow COMPANY HSE CHARTER in performing the SERVICE.
8. CONTRACTOR shall submit Medical Evacuation scenario or procedure in case of medical emergency happened to CONTRACTOR's personnel during delivering SERVICES.

I. HSE SPECIFIC REQUIREMENTS

CONTRACTOR shall comply with HSE SPECIFIC REQUIREMENTS as stated in the attached HSE EVALUATION OF BIDDER (*see below table*) and also in the COMPANY's SOP 07 – 700 series, SOP 04 – 100 Series, SOP 04 – 601 also shall submit all the required documentation. The specific requirements shall comply with the control measures of risk assessment in order to minimize the hazard effect.

II. MUST HAVE REQUIREMENTS (MHR)

CONTRACTOR shall comply with all of Mandatory MHR as per attached table (HSE EVALUATION OF BIDDER) in order to pass the HSE Evaluation, failure to fulfill one of them; CONTRACTOR shall be disqualified from the tender process.

III. HSE SCORES

CONTRACTOR shall have a good HSE Rating as indicated in the following masking table, in order to be qualified to participate in this project. The table Score is set based on the SOP 07 – 703.

HSE Rating	Minimum Score
Low	40



HSE EVALUATION OF BIDDER

TOTAL E&P INDONESIA

Contractor : xxx	Scope Of Work :
Service : TOM	CCTV Integration
DIV/DEP : IST/TEL	
Tender No : xxx	Assesed by team :
Date : xxx	

HSE EVALUATION	Weighting factor (wf)	Max score Zi=3*Wf	Score Xi	Weight score Yi =Xi*Wf	Comments
Job Risk Assesments Procedure	2	6			
CONTRACTOR Medical Evacuation Scenario or Procedure (acknowledged/signed by safety officer/Director)	2	6			
CONTRACTOR HSE Organization (acknowledged/signed by Director)	2	6			
Provide evidence letter of HSE Officer competency	2	6			
List of Must Have Requirement					
Copy of Valid Medical Check Up Report of permanent employee who submitted in Contract	3	9			Must Have Requirement
Provide Standard PPE to be used for the intended work by submit commitment letter	3	9			Must Have Requirement
Total:		Team Leader: : Approved by:			
Maximum Score (Z)	42				
Audit result (Y)	26				
Percentage SCORE (Y/Z)*100	62				
Must Have Requirement (MHR) Score	0	(.....) (.....)			

Note:

- WFi = 3 is a Must Have Requirement (MHR),
- MHR Score = 3 mean 100% meet expectation
- *) : commitment letter to submit documents 1 month ARO

MHR Score	
Overall Score	

IV. HSE EVALUATION

CONTRACTORS can be considered having passed the HSE Evaluation if meet the requirements as defined here after:

No	Criteria	Medium Risk
1	Must Have Requirement	100 %
2	Overall HSE Evaluation Score	62 %

Note: Both Criteria shall be fulfilled by CONTRACTORS



RISK ASSESSMENT - FRONT SHEET

DATE : 29-Mar-12	JOB :	NO. OF SHEETS	SYSTEM No. : NO
INSTALLATION/SITE EKD	Integrated CCTV Monitoring	REF. NO	
ASSESSED OVERALL RISK		ASSESSED BY : REVIEW? (Y/N)	

NOTES :

- * Suitable standard PPE means :
 - Safety Shoes
 - Helmet
 - Goggles
 - Proper Uniform
- * Suitable standard Testing Tools
 - Laptop
 - Video level meter
- * **List of assessed as per attached sheets**
 1. Manual handling / transport material to working area
 2. Material Installation and Dismantling
 3. Indoor Installation
 4. Cable laying and termination
 5. Power up the system

Site Visit:

Date:


Duration:

Main Concerns:

Assessment Performed by:

POSITION	PRINT NAME	SIGNATURE	DATE
CTR			
IST/TEL/STE			

TOTAL E&P Indonesia

TOTAL E&P INDONESIA														
	Installation : EKD				System No. :				Page : of					
	Leader : Basuki RAHMAT				Ref. No. :				Date :					
	Attendess:				Site Visit				Date : Duration:					
Job Description : Integrated CCTV Monitoring														
NO.	TASK DESCRIPTION	POTENTIAL HAZARD (HAZARD IDENTIFICATION)	HAZARD EFFECT DESCRIPTION	INITIAL RISK			RISK CONTROL MEASURES (MINIMISE RISK BY)	RESIDUAL RISK			ACTION PARTY	TARGET DATE	COMPLETI ON DATE	FOLLOW UP
		PERIMETER:												
		1. HUMAN/ENVIRONMENT	1. HUMAN/ENVIRONMENT	S	P	R	1. REDUCE HAZARD EFFECT (HE)	S	P	R				
		2. MATERIAL (SIZE, WEIGHT & VALUE)	2. MATERIAL				2. REDUCE PROBABILITY (P)							
1	Loading and unloading Equipment	Fallen Material	worker injured	Mo	Un	A	Valid Wok Permit Equipped with Complete PPE To follow manual handling procedure of equipment Good Supervision	Mo	Vn	A				
			Damaged Equipment	Mo	Po	T		Mo	Un	A				
2	Material manual handling to working area	Fallen Material	worker injured	Mo	Un	A	Valid Wok Permit Equipped with Complete PPE To follow manual handling procedure of equipment Good Supervision	Mo	Vn	A				
			Damaged Equipment	Mo	Po	T		Mo	Un	A				
3	Indoor Equipment mouning and installation	Fallen Material	worker injured	Mi	Un	A	Valid Wok Permit Equipped with Complete PPE To follow manual handling procedure of equipment Good Supervision	Mi	Vn	A				
			Damaged Equipment	Mo	Po	T		Mo	Un	A				
		Disrupt the existing system/ Facility	Failure of existing system	Se	Un	T	Good Supervision complete the work with update system documentation and manuals	Mo	Vu	A				
4	Cable laying and termination	Injury	worker injured	Mo	Un	A	Valid Wok Permit Equipped with Complete PPE and proper excavation tools Medical check up for worker	Mi	Un	A				
		Disrupt the existing system/ Facility	Failure of existing system	Mo	Po	T	Good update existing wiring diagram Good Supervision	Mi	Un	A				
		Failure of cable termination	System could not work	Mo	Po	T	Good Supervision To follow manual procedure of equipment	Mi	Un	A				
5	Power Up new system	Electrical Shock	Injured to the worker	Se	Po	U	Good Coordination and Supervision with related entitles Open isolation permit Ensure cables are in good condition Request Electrical person to standby during the work	Mo	Un	A				
		Power Supply failure	System power up failure	Mo	Po	T	Using Circuit Breaker as per suggellon on equipment requirement Good Coordination and Supervision with related entitles Ensure cables are in good condition to follow Manufacturer recommendation in starting up the system	Mo	Un	A				
Approval of JRA conclusion (1) Name : Date :										Signature				