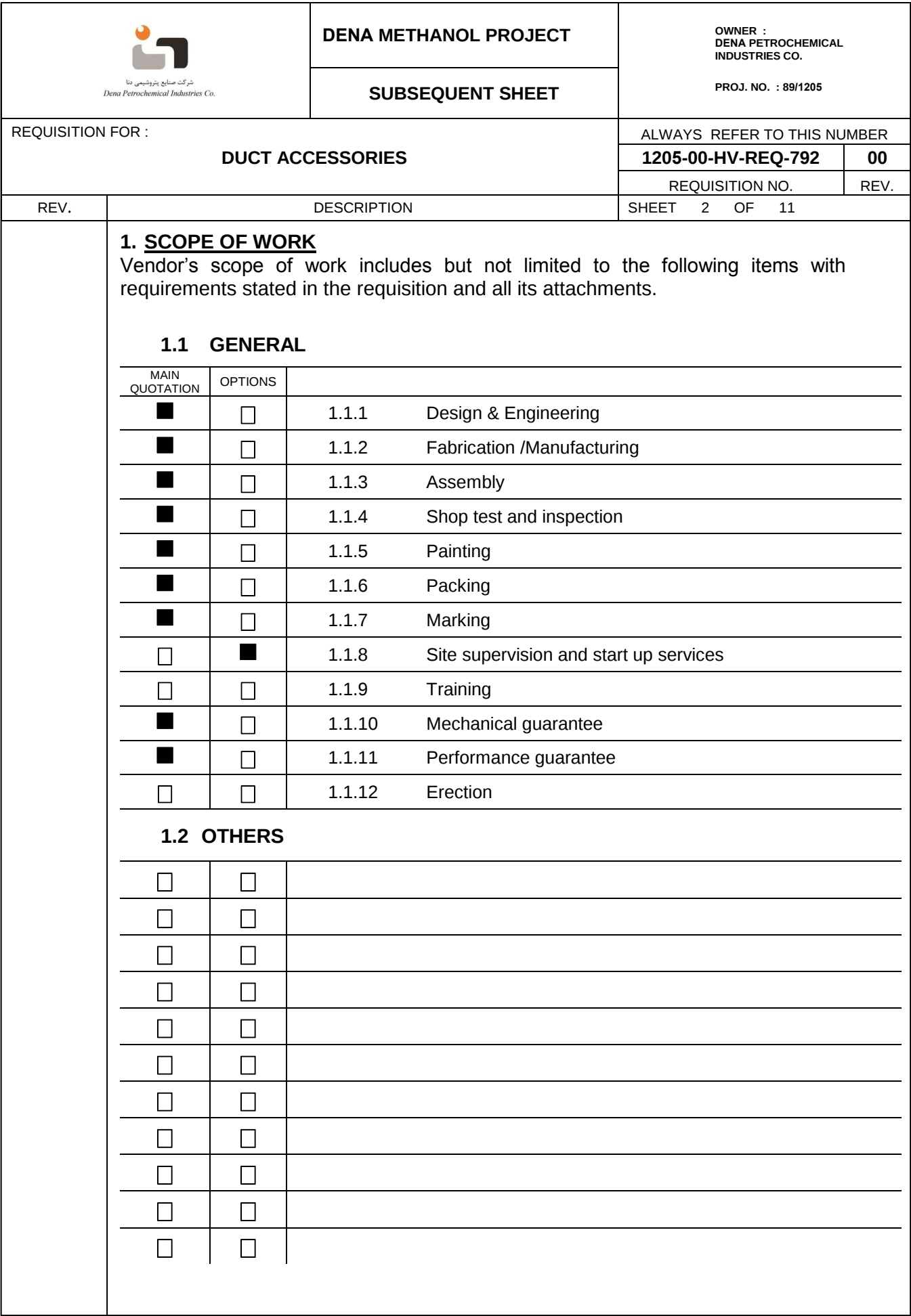
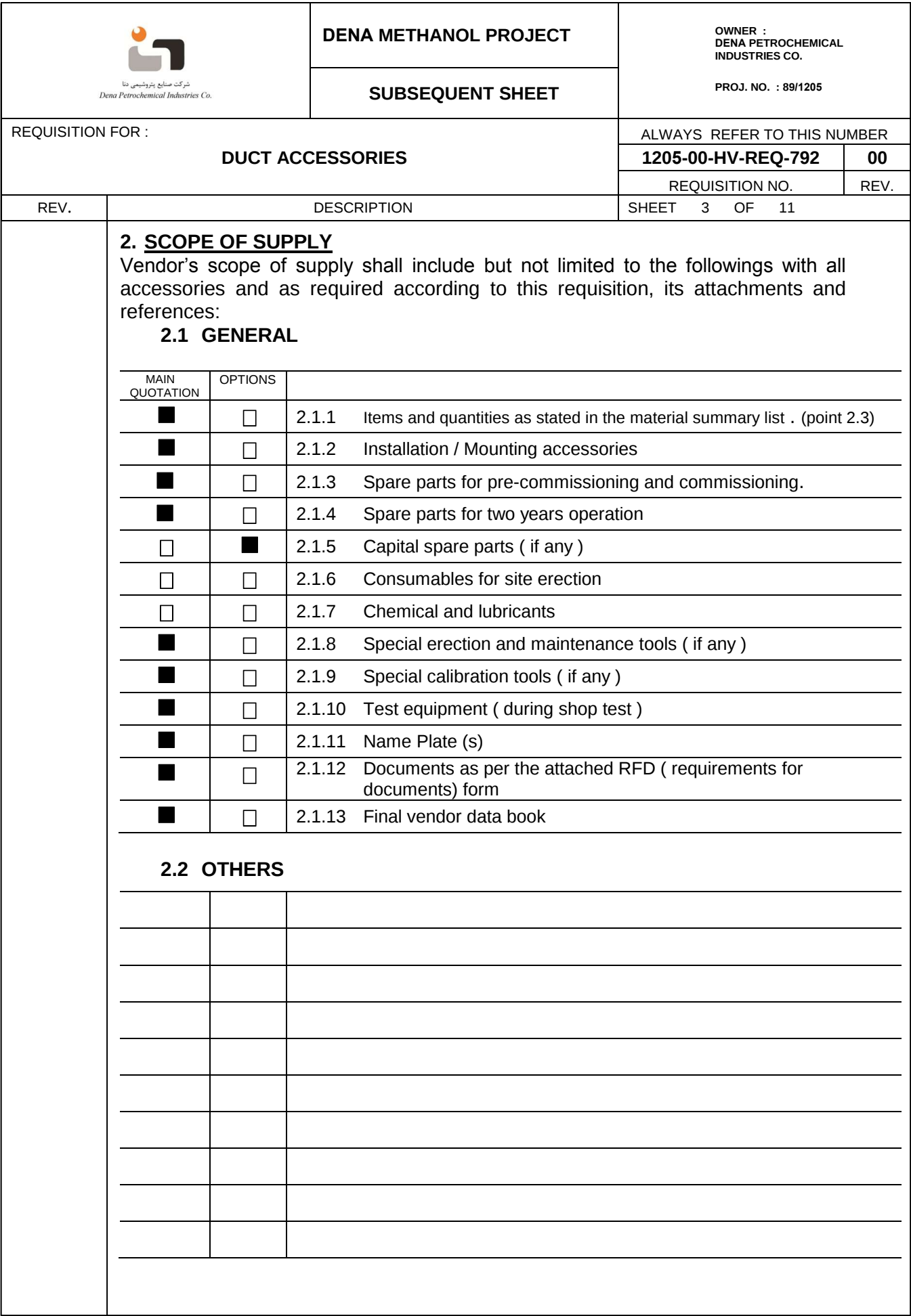


 شرکت صنایع پتروشیمی دنا Dena Petrochemical Industries Co.	DENA METHANOL PROJECT		OWNER : DENA PETROCHEMICAL INDUSTRIES CO. PROJ. NO. : 89/1205	
	COVER SHEET			
REQUISITION FOR : DUCT ACCESSORIES			ALWAYS REFER TO THIS NUMBER	
			1205-00-HV-REQ-792	00
			REQUISITION. NO.	REV.
INQUIRY ☒ PURCHASE ORDER ☐			SHEET 1 OF 11	
This Requisition is issued to obtain quotation for supply and delivery of : <u>Duct Accessories</u> as per this Requisition and its attachments. <u>REQUISITION CONTENTS</u> - Scope of Work - Scope of Supply - Requisition Notes - List of Attachments				
ED	EXT	INQ	A	
Eng. Phase	Purpose Of Distribution (POD)	Purpose Of Issue (POI)	Owner's Action	
00	03.01.2024	Issued For Inquiry		
Rev.	Date	Description	Prepared by	Checked by
			Approved by	Project





 شرکت صنایع پتروشیمی دنا Dena Petrochemical Industries Co.		DENA METHANOL PROJECT		OWNER : DENA PETROCHEMICAL INDUSTRIES CO. PROJ. NO. : 89/1205	
		SUBSEQUENT SHEET			
REQUISITION FOR : DUCT ACCESSORIES				ALWAYS REFER TO THIS NUMBER 1205-00-HV-REQ-792 00	
				REQUISITION NO.	
				REV.	
REV.	DESCRIPTION			SHEET 4 OF 11	
	2.3 MATERIAL SUMMARY LIST				
	SER NO.	ITEM NO.	ITEM DESCRIPTION	QTY	UNIT
	Motorized Fire Damper (Note 1)				
	1	MFD-0010	Motorized Fire Damper For Control Bldg.	1	Set
	2	MFD-0011	Motorized Fire Damper For Control Bldg.	1	Set
	3	MFD-0012	Motorized Fire Damper For Control Bldg.	1	Set
	4	MFD-0013	Motorized Fire Damper For Control Bldg.	1	Set
	5	MFD-0014	Motorized Fire Damper For Control Bldg.	1	Set
	6	MFD-0015	Motorized Fire Damper For Control Bldg.	1	Set
	7	MFD-0016	Motorized Fire Damper For Control Bldg.	1	Set
	8	MFD-0017	Motorized Fire Damper For Control Bldg.	1	Set
	9	MFD-0018	Motorized Fire Damper For Control Bldg.	1	Set
	10	MFD-0019	Motorized Fire Damper For Control Bldg.	1	Set
	11	MFD-0020	Motorized Fire Damper For Control Bldg.	1	Set
	12	MFD-0021	Motorized Fire Damper For Control Bldg.	1	Set
	13	MFD-0030	Motorized Fire Damper For Substation	1	Set
	14	MFD-0031	Motorized Fire Damper For Substation	1	Set
	15	MFD-0032	Motorized Fire Damper For Substation	1	Set
	16	MFD-0033	Motorized Fire Damper For Substation	1	Set
	17	MFD-0034	Motorized Fire Damper For Substation	1	Set
	18	MFD-0035	Motorized Fire Damper For Substation	1	Set
	19	MFD-0036	Motorized Fire Damper For Substation	1	Set
	20	MFD-0037	Motorized Fire Damper For Substation	1	Set
	21	MFD-0038	Motorized Fire Damper For Substation	1	Set

 شرکت صنایع پتروشیمی دنا Dena Petrochemical Industries Co.		DENA METHANOL PROJECT		OWNER : DENA PETROCHEMICAL INDUSTRIES CO. PROJ. NO. : 89/1205	
		SUBSEQUENT SHEET			
REQUISITION FOR : DUCT ACCESSORIES				ALWAYS REFER TO THIS NUMBER 1205-00-HV-REQ-792 00	
				REQUISITION NO.	
				REV.	
REV.	DESCRIPTION			SHEET 5 OF 11	
	22	MFD-0039	Motorized Fire Damper For Substation	1	Set
	23	MFD-0040	Motorized Fire Damper For Laboratory & Yard Office	1	Set
	24	MFD-0041	Motorized Fire Damper For Laboratory & Yard Office	1	Set
	25	MFD-0042	Motorized Fire Damper For Laboratory & Yard Office	1	Set
	26	MFD-0043	Motorized Fire Damper For Laboratory & Yard Office	1	Set
	27	MFD-0050	Motorized Fire Damper For Analyzer	1	Set
	28	MFD-0051	Motorized Fire Damper For Analyzer	1	Set
	Motorized Block Damper (Note 1)				
	29	MBD-0033	Motorized Block Damper For Substation	1	Set
	30	MBD-0034	Motorized Block Damper For Substation	1	Set
	31	MBD-0035	Motorized Block Damper For Substation	1	Set
	32	MBD-0036	Motorized Block Damper For Substation	1	Set
	33	MBD-0037	Motorized Block Damper For Substation	1	Set
	34	MBD-0038	Motorized Block Damper For Substation	1	Set
	Non Return Damper (Note 1)				
	35	NR-0012 A/B	Non Return Damper For Control Bldg.	2	Set
	36	NR-0031 A/B	Non Return Damper For Substation	2	Set
	Pressure Relief Damper (Note 1)				
	37	PRD-0011	Pressure Relief Damper For Control Bldg.	1	Set
	38	PRD-0012	Pressure Relief Damper For Control Bldg.	1	Set
	39	PRD-0013	Pressure Relief Damper For Control Bldg.	1	Set
	40	PRD-0014	Pressure Relief Damper For Control Bldg.	1	Set
	41	PRD-0015	Pressure Relief Damper For Control Bldg.	1	Set
	42	PRD-0030	Pressure Relief Damper For Substation	1	Set
	43	PRD-0031	Pressure Relief Damper For Substation	1	Set

 شرکت صنایع پتروشیمی دنا Dena Petrochemical Industries Co.		DENA METHANOL PROJECT		OWNER : DENA PETROCHEMICAL INDUSTRIES CO. PROJ. NO. : 89/1205	
		SUBSEQUENT SHEET			
REQUISITION FOR : DUCT ACCESSORIES				ALWAYS REFER TO THIS NUMBER 1205-00-HV-REQ-792 00	
				REQUISITION NO.	
				REV.	
REV.	DESCRIPTION			SHEET 6 OF 11	
	44	PRD-0032	Pressure Relief Damper For Substation	1	Set
	45	PRD-0050	Pressure Relief Damper For Analyzer	1	Set
	46	PRD-0051	Pressure Relief Damper For Analyzer	1	Set
	47	PRD-0052	Pressure Relief Damper For Analyzer	1	Set
	Sand Trap Louver & Metal Filter (Note 2)				
	48	STL-0011 / MF-0011	Sand Trap Louver & Metal Filter For Control Bldg.	1	Set
	49	STL-0030 / MF-0030	Sand Trap Louver & Metal Filter For Substation	1	Set
	50	STL-0031 / MF-0031	Sand Trap Louver & Metal Filter For Substation	1	Set
	51	STL-0032 / MF-0032	Sand Trap Louver & Metal Filter For Substation	1	Set
	52	STL-0033 / MF-0033	Sand Trap Louver & Metal Filter For Substation	1	Set
	53	STL-0034 / MF-0034	Sand Trap Louver & Metal Filter For Substation	1	Set
	54	STL-0040 / MF-0040	Sand Trap Louver & Metal Filter For Laboratory & Yard Office	1	Set
	Spare Part				
	55		2 years Spare Parts	Note 3	-
	NOTES: 1. See attachment No.18 2. As per attachment No.25 3. 15% actuator.				

 شرکت صنایع پتروشیمی دنا Dena Petrochemical Industries Co.		DENA METHANOL PROJECT		OWNER : DENA PETROCHEMICAL INDUSTRIES CO. PROJ. NO. : 89/1205
		SUBSEQUENT SHEET		
REQUISITION FOR : DUCT ACCESSORIES			ALWAYS REFER TO THIS NUMBER	
			1205-00-HV-REQ-792	00
			REQUISITION NO.	REV.
REV.	DESCRIPTION		SHEET 7 OF 11	
	2.4 EXCLUSION Not applicable			

 شرکت صنایع پتروشیمی دنا Dena Petrochemical Industries Co.		DENA METHANOL PROJECT		OWNER : DENA PETROCHEMICAL INDUSTRIES CO.	
		SUBSEQUENT SHEET		PROJ. NO. : 89/S-1205	
REQUISITION FOR : DUCT ACCESSORIES				ALWAYS REFER TO THIS NUMBER	
				1205-00-HV-REQ-792	00
				REQUISITION NO.	REV.
REV.	DESCRIPTION			SHEET 8 OF 11	
	<u>3. REQUISITION NOTES</u> 3.1 The performance in accordance with the data sheets shall be guaranteed unconditionally. 3.2 The guarantee and warrantee clauses in the general terms and conditions of the inquiry/purchase order documents apply for the performance, mechanical design, materials, fabrication, and workmanship. 3.3 Vendor shall recommend the spare parts for commissioning and start-up and also submit recommended two year spare parts list (see attachment No.5, 6 and 7). 3.4 Vendor shall make recommendation for the appropriate lubrication of all equipment. 3.5 After the various equipment are pressure tested and cleaned, each equipment shall be performance tested in the presence of the purchaser’s representative. 3.6 Vendor shall specify number, size and location of anchor bolts or other anchor devices in his drawings. 3.7 Sub vendor list shall be confirmed by DENA ENG.department before purchasing. 3.8 All electrical equipment shall conform to IEC recommendation and all equipment data sheets, part list and catalogue shall be sent to purchaser for approval. 3.9 All cable entries to be equipped with cable gland. The exact cable data will be informed during vendor drawing checking stage. 3.10 Those electrical equipment that are not clearly mentioned in data sheets, shall have protection type IP55 for outdoor, and IP41 for indoor according to IEC standard. 3.11 Motors shall be selected to operate properly at 48°C outdoor and 45°C for indoor ambient temperature. 3.12 All installation duct accessories such as flanges,... are in vendor scope. 3.13 Vendor to send his calculations for pressure relief damper counterweight selection, based on internal pressure of the building set point.				

 شرکت صنایع پتروشیمی دنا Dena Petrochemical Industries Co.		DENA METHANOL PROJECT		OWNER : DENA PETROCHEMICAL INDUSTRIES CO. PROJ. NO. : 89/1205
		SUBSEQUENT SHEET		
REQUISITION FOR : DUCT ACCESSORIES			ALWAYS REFER TO THIS NUMBER	
			1205-00-HV-REQ-792	00
			REQUISITION NO.	REV.
REV.	DESCRIPTION		SHEET 9 OF 11	
	3.14 All sand trap louvers will be coupled with an aluminum washable filter with 60% efficiency by gravimetric method of ASHRAE Standard 52.1.			

 شرکت صنایع پتروشیمی دنا Dena Petrochemical Industries Co.		DENA METHANOL PROJECT		OWNER : DENA PETROCHEMICAL INDUSTRIES CO. PROJ. NO. : 89/1205	
		SUBSEQUENT SHEET			
REQUISITION FOR :				ALWAYS REFER TO THIS NUMBER	
DUCT ACCESSORIES				1205-00-HV-REQ-792	00
				REQUISITION NO.	REV.
REV.	DESCRIPTION			SHEET 10 OF 11	
4. LIST OF ATTACHMENTS					
	SER NO.	DESCRIPTION	DOCUMENT NO.	REV.	No. OF SHEETS
	1	Bid technical Check List	-	-	1
	2	Letter Of Conformity (Technical)	-	-	1
	3	Requirement For Documents (RFD)	-	-	5
	4	Scope Of Inspection	1205-00-QC-SOI-792	00	3
	5	Specific List of Spare Parts	-	-	1
	6	"Spare Part List " Forms – 1/3 , 2/3 , 3/3	-	-	3
	7	Spare Parts List and Interchangeability Record (SPIR) – 1/2 , 2/2	-	-	1
	14	Inspection Procedure			
	18	Data Sheets	-		
	18.1	Data Sheet for Motorized Fire Damper for Control Building	1205-00-HV-DSH-200	03	3
	18.2	Data Sheet for Pressure Relief Damper for Control Building	1205-00-HV-DSH-202	02	3
	18.3	Data Sheet for Non Return Damper for Control Building	1205-00-HV-DSH-203	03	3
	18.4	Data Sheet for Motorized Fire Damper for Substation	1205-00-HV-DSH-220	02	3
	18.5	Data Sheet for Motorized Block Damper for Substation	1205-00-HV-DSH-221	03	3
	18.6	Data Sheet for Pressure Relief Damper for Substation	1205-00-HV-DSH-222	02	3
	18.7	Data Sheet for Non Return Damper for Substation	1205-00-HV-DSH-223	02	3
	18.8	Data Sheet for Motorized Fire Damper for Laboratory And Yard Office	1205-00-HV-DSH-240	03	3
	18.9	Data Sheet for Motorized Fire Damper for Analyzer	1205-00-HV-DSH-230	02	3
	18.10	Data Sheet for Pressure Relief Damper for Analyzer	1205-00-HV-DSH-232	02	3
	19	Specifications	-		
	19.1	Engineering Standard Specification for Paints	1203-00-PI-ESS-406	03	14
	19.2	Construction Standard Specification for Ducts and Accessories	1203-00-HV-CSS-782	01	16
	19.3	HVAC Standard Drawing	1203-00-HV-SDG-786	01	14
	19.5	Material Standard Specification for Low Voltage Induction Electric Motors	1203-00-EL-MSS-521	01	15
	20	Drawings (Not Applicable)	-	-	-
	21	Requirements For Electrical Certifications (Not Applicable)	-	-	-

 شرکت صنایع پتروشیمی دنا Dena Petrochemical Industries Co.		DENA METHANOL PROJECT		OWNER : DENA PETROCHEMICAL INDUSTRIES CO. PROJ. NO. : 89/1205	
		SUBSEQUENT SHEET			
REQUISITION FOR : DUCT ACCESSORIES				ALWAYS REFER TO THIS NUMBER	
				1205-00-HV-REQ-792	
				REV.	
REV.	DESCRIPTION			SHEET 11 OF 11	
	22	Requirements For Noise Limitations (Not Applicable)	-	-	-
	23	Lubrication list/Schedule (Not Applicable)	-	-	-
	24	Vendor expediting and reporting			
	25	Sand Trap Louvers & Metal Filters List	-	-	1

		Attachment no.: 01		
 شركة صنایع پتروشیمی دنا Dena Petrochemical Industries Co.	DENA METHANOL PROJECT	OWNER: DENA PETROCHEMICAL INDUSTRIES CO. PROJ. NO. : 89/ 1205		
	REQUISITION			
REQUISITION FOR :		ALWAYS REFER TO THIS NUMBER		
DUCT ACCESSORIES		1205-00-HV-REQ-792	00	
BID TECHNICAL CHECK LIST		REQUISITION NO.	REV.	
		SHEET 1	OF 1	
Attention : THIS SHEET HAS TO BE RETURNED WITH THE QUOTATION.				
		YES	NO	NOT APPLICABLE
1	HAVE YOU INCLUDED IN YOUR QUOTATION :			
1.1	LETTER OF CONFORMITY (TECHNICAL)	☐	☐	☐
1.2	LIST OF INCONSISTENCIES	☐	☐	☐
1.3	SPARE PART LIST	☐	☐	☐
1.4	SPECIAL TOOLS	☐	☐	☐
1.5	MANUFACTURING AND DELIVERY SCHEDULE	☐	☐	☐
1.6	SUB-VENDOR LIST	☐	☐	☐
1.7	QUALITY ASSURANCE MANUAL (OR CERTIFICATE)	☐	☐	☐
1.8	REFERENCE LIST	☐	☐	☐
2	HAVE YOU STUDIED ,TAKEN INTO ACCOUNT AND WILL YOU FOLLOW INSTRUCTIONS STATED IN THE REQUISITION NOTES REGARDING:			
2.1	ENGLISH LANGUAGE	☐	☐	☐
2.2	UNITS OF MEASUREMENT	☐	☐	☐
2.3	NAME PLATE	☐	☐	☐
2.4	AMBIENT AND SITE CONDITION	☐	☐	☐
2.5	PROGRESS REPORTING	☐	☐	☐
2.6	INSPECTION REQUIREMENTS	☐	☐	☐
2.7	PARTIAL DELIVERY CONDITIONS	☐	☐	☐
2.8	DOCUMENT REQUIREMENTS	☐	☐	☐
2.9	PURCHASER'S DOCUMENT NUMBERING PROCEDURE	☐	☐	☐
2.10	QUALITY DOSSIER	☐	☐	☐
2.11	FINAL VENDOR DATA BOOK PREPARATION	☐	☐	☐
2.12	FINAL DOCUMENT DELIVERY	☐	☐	☐
2.13	FILLING THE SPLIR FORM	☐	☐	☐
2.14	MASTER AND DETAILED PACKING LIST	☐	☐	☐
2.15	AVAILABILITY PERIOD AFTER SALES SERVICES	☐	☐	☐
2.16	OVERALL RESPONSIBILITY	☐	☐	☐
2.17	FABRICATION START	☐	☐	☐
<u>Vendor Name ,Date, Signature</u> (VENDOR)				

 شرکت صنایع پتروشیمی دنا Dena Petrochemical Industries Co.		Attachment no.: 02	
		OWNER : DENA PETROCHEMICAL INDUSTRIES CO. PROJ. NO. : 89/1205	
DENA METHANOL PROJECT		LETTER OF CONFORMITY	
REQUISITION FOR : DUCT ACCESSORIES		ALWAYS REFER TO THIS NUMBER	
		1205-00-HV-REQ-792	00
		REQUISITION NO.	REV.
		SHEET 1 OF 1	
TO : DENA PETROCHEMICAL INDUSTRIES COMPANY (DPIC) FROM : (VENDOR) Herewith we confirm that our quotationin response to (QUOTATION) your inquiry...1205-00-HV-REQ-792..... datedis fully in (PURCHASER INQUIRY) (DATE) accordance with the conditions as stated therein and we confirm that all Technical requirements as stipulated in the above mentioned inquiry documents , have been adhered to, except deviations listed below . <u>Date, Signature</u> (VENDOR) NOTE: 1) Deviations shall be listed separately with brief explanations. 2) If no deviation exists, vendor shall specify by writing “No Deviation”.			

		Attachment no.: 03	
		OWNER: DENA PETROCHEMICAL INDUSTRIES CO. PROJ. NO. : 89/1205	
DENA METHANOL PROJECT		ALWAYS REFER TO THIS NUMBER 1205-00-HV-REQ-792 00 REQUISITION NO. REV. SHEET 1 OF 4	
REQUIREMENT FOR DOCUMENTS			
REQUISITION FOR :			
DUCT ACCESSORIES			
Requirement for Documents (RFD) of Duct Accessories			

 شركة صنایع پتروشیمی دنا Dena Petrochemical Industries Co.		DENA METHANOL PROJECT			OWNER: DENA PETROCHEMICAL INDUSTRIES CO. PROJ. NO. : 89/1205					
REQUISITION FOR : DUCT ACCESSORIES					ALWAYS REFER TO THIS NUMBER 1205-00-HV-REQ-792 00 REQUISITION NO. REV. SHEET 2 OF 4					
Code	Document Title	Purpose of Issue	With Bid		After Order Award			Upon order Completed prior to shipment		Note
			Copy	CD	Copy	CD	No.of Week	Copy	CD	
SCHEDULING DOCUMENTS										
PN01	Manufacturing & production schedule	R			4		2			2
PN02	Drawing/ Document schedule	R			4	1	2			1,2
PN03	Sub-order schedule	R			4		2			2
PN04	Periodical status report	R			4		2			3
General Note: 1- The scope & extend of vendor reporting & scheduling document shall be set forth & agreed with planning engineer & procurement coordinator of the respective Project for each & every individual purchase order depending on complexity time sensitively & critically of the order. 2- Updated schedule shall be attached to periodical reports 3- Periodical reports shall be furnished as out lined in project specific procedure for vendor reporting & expediting										
QUALITY DOCUMENTS										
QC01	Letter of conformity	R	3							
QC02	Bid technical checklist	R	3							
QC03	Quality management system manual	I	3							
QC04	Inspection & test plan	A			4	1	4	6	3	
QC05	Inspection & shop test procedure	A			4	1	4	6	3	
QC06	Vendor quality control records	A						6	3	2,4
QC07	Certificate of materials	A						6	3	2,4
QC08	Welding procedures (WPS,PQR if applicable)	A			4	1	4	6	3	
QC09	Welder qualification records (if applicable)	A						6	3	2,4
QC10	Final certificate of inspection & release	A						6	3	2,4
QC11	NDT records (if any)	A						6	3	2,4
QC12	PWHT records / procedure (if any)	A			4	1	4	6	3	2,4
QC13	Alloy verification / PMI records (if any)	A						6	3	2,4
Note: 1-Above mentioned documents also to be included in sub-supplier or sub contractor if applicable. 2-To be issued in process & before shipment 3-Need not to be approved by purchaser. 4-Approval shall be enclosed by inspector in shop.										
EXPORT DOCUMENTS										
PQ01	List of Sub-supplier	A	3					6	3	2
PQ02	Certificate Of Origin (3 Original + 6 Copy)	A						3+6	3	2
PQ03	Master Packing List (3 Original + 6 Copy)	A						3+6	3	2
PQ04	Detailed Packing List (3 Original + 6 Copy)	A						3+6	3	2
PQ05	Drawing for Oversize/Overweight Packages (If applicable)	R			3	1	8	6	3	2
PQ06	Material H&ling Procedure (If applicable)	R			3	1	8	6	3	2
PQ07	Material Storage Procedure (If applicable)	R			3	1	8	6	3	2
PQ08	Bill of Lading (3 Original + 6 Copy)	R						3+6	3	2
PQ09	Commercial Invoice (3 Original + 6 Copy)	A						3+6	3	2

 شرکت صنایع پتروشیمی دنا Dena Petrochemical Industries Co.		DENA METHANOL PROJECT			OWNER: DENA PETROCHEMICAL INDUSTRIES CO. PROJ. NO. : 89/1205					
REQUISITION FOR : DUCT ACCESSORIES					ALWAYS REFER TO THIS NUMBER 1205-00-HV-REQ-792 00 REQUISITION NO. REV. SHEET 3 OF 4					

Code	Document Title	Purpose of Issue	With Bid		After Order Award			Upon order Completed prior to shipment		Note
			Copy	CD	Copy	CD	No. of Week	Copy	CD	
PQ10	Transportation Drawing(If applicable)	I			3	1	8	6	3	2
PQ11	H&ling & Transport Protective Measures at Site (If applicable)	I			3	1	8	6	3	2,3

Note:
 1-To be issued periodically.
 2-To be issued before shipment.
 3-Need not to be approved by Purchaser.

SAFETY DOCUMENTS										
SA01	Material Safety Data Sheet (MSDS)									
SA02	HSE Instructions									
SA03	HSE Plans	I	3							

Note:
 1- MSDS shall be provided for all potentially dangerous materials such as: Chemicals, Catalysts, Lubrication Oil, Foam, Portable extinguishers (all types), Gases (CO₂, Clean Agent, Aragonite, ...), Paint, Solvent, Insulation material (PU, mineral wool, ...), Perlite, Electrode, Resin, Coating material, Lining material (rubber, epoxy, ...), Ionization heat detectors (including radioactive source), Nuclear Level elements (including radioactive source), All radioactive sources, All Laser sources.
 2- HSE instructions shall be provided for all items of equipment of instrument that may be harmful to human health or safety in case of malfunction, including; electrical item, Rotating item, Instrument Items.
 3- HSE Plan shall be provided for those manufacturers that our personnel may perform audit or inspection in their workshops, to ensure safety of our colleagues in such plants.

TECHNICAL DOCUMENTS										
TE01	General Index	R	3		4		4	6	3	
TE02	Catalogue, Specification And/ Or Technical Data	A	3		4		2	6	3	
TE03	Completed Mechanical Data Sheet Which Are Partly Filled-Out By PIDECE	A	3		4		2	6	3	
TE04	Outline Installation Drawing Showing Overall Assembly And Dimensions, Parts No's, Names And Anchor Bolt Locations.	A	3		4		2	6	3	
TE05	Clearances for maintenance and operation	A	3		4		2	6	3	
TE06	Power and Control Cabling	A	3		4		2	6	3	
TE07	Wiring, Power And Control Diagram	A	3		4		2	6	3	
TE08	Main Terminal Box Drawing Showing Main Connections, Size And No. Of Entries, Etc.	A	3		4		2	6	3	
TE09	Motors data sheets Completed By Vendor With Actual Equipment Data	A	3		4		2	6	3	
TE10	Instruments Datasheets/Catalogues	A	3		4		2	6	3	
TE21	Instruments Loop/Wiring Diagrams	A	3		4		2	6	3	
TE12	Fixing and Installation Details for Electrical Works	A	3		4		2	6	3	
TE13	Motor List / Electrical Load List	A	3		4		2	6	3	
TE14	Electrical sub vendor list	A	3		4		2	6	3	

 شرکت صنایع پتروشیمی دنا Dena Petrochemical Industries Co.		DENA METHANOL PROJECT				OWNER: DENA PETROCHEMICAL INDUSTRIES CO. PROJ. NO. : 89/1205				
		REQUIREMENT FOR DOCUMENTS								
REQUISITION FOR : DUCT ACCESSORIES						ALWAYS REFER TO THIS NUMBER				
						1205-00-HV-REQ-792			00	
						REQUISITION NO.			REV.	
						SHEET 4 OF 4				
TE15	Interlock description	A	3		4		2	6	3	
TE16	Parts List And Their Technical Data/Specifications	A	3		4		2	6	3	
TE17	Statement Of Manufacturer's Testing Capabilities	A	3		4		2	6	3	
	Procedures :									
TE18	Site Acceptance Test Procedure	R			4		4	6	3	
TE19	Performance Test Procedures	R			4		4	6	3	
TE20	Run Test Procedures	R			4		4	6	3	
TE21	Erection And Preservation Procedure	R			4		4	6	3	
TE22	Repair Procedure (If Applicable)	R			4		4	6	3	
TE23	Preservation, Packing And Shipping Procedure	R			4		4	6	3	
TECHNICAL DOCUMENTS / GENERAL										
MANUAL										
TE30	Catalogue and Brochure	I	3	1				6	3	
TE31	Installation & Construction Manual (including alignment data / drawing)	R			4			6	3	
TE32	Operation Manual	R			4			6	3	
TE33	Maintenance Manual	R			4			6	3	
SPARE PARTS LISTS (IF/ANY)										
TE40	Spare Parts List For Erection And Pre-Commissioning	R	3		4		4	6	3	
TE41	Spare Parts list for commissioning and start-up	R	3		4		4	6	3	
TE42	Spare Parts list for 2 years of operation	R	3		4		4	6	3	
TE43	List of special tools and devices (if/any)	R	3		4		4	6	3	
Note: 1- To be issued before shipment. 2- Need not to be approved by purchaser. 3- Drawings should be approved by purchaser.										

**SCOPE OF INSPECTION
FOR**

DUCT ACCESSORIES

DOCUMENT NO : **1205-00-QC-SOI-792**
TOTAL PAGES : **2** (Excluding Cover Sheet)

ED		EXT		INQ		R	
Eng. Phase		Purpose Of Distribution (POD)		Purpose Of Issue (POI)		Owner's Action	
00	05.01.2024	Issued For Inquiry					
Rev.	Date	Description		Prepared by	Checked by	Approved by	Project

		ATTACHMENT NO.04
 شرکت صنایع پتروشیمی دنا Dena Petrochemical Industries Co.	DENA METHANOL PROJECT	OWNER : DENA PETROCHEMICAL INDUSTRIES CO. PROJ. NO. : 89/1205
	SCOPE OF INSPECTION	
	DOC.NO. : 1205-00-QC-SOI-792	
REQUISITION NO.	REQUISITION TITLE	ITEM
1205-00-HV-REQ-792	DUCT ACCESSORIES	DUCT ACCESSORIES

1. PROCEDURE:

Please refer to project general shop inspection procedure (**1203-00-QC-PCJ-001**) which is attached to the requisition in order to find more information about inspection policy.

2. DEFINITIONS:

- INSPECTOR

Inspector Means Project inspector and/or OWNER /his THIRD PARTY inspectors as will be introduced after order placement.

- HOLD POINT (HP)

The designated feature is to be witnessed by INSPECTOR.

Vendor/manufacture is to notify Project quality coordinator two weeks prior to performing the designated feature. Activities may not proceed until the continuation of work is permitted by Project Quality coordinator or waived in writing by him ("inspection waiver").

- WITNESS POINT (WP)

The designated feature is to be witnessed by INSPECTOR.

Vendor/manufacture is to notify Project quality coordinator two weeks, prior to performing the designated feature. If the INSPECTOR fails to be present, activities may proceed without witnessing or waiving of the inspection as will be decided by Project quality coordinator.

- RANDOM INSPECTION (RI)

The inspection of the designated feature will take place during inspection visits as a standard performance.

Vendor/manufacture does not have to notify Project quality coordinator prior to performing the designated feature. Activities may proceed without witnessing or waiving by Project quality coordinator

- REVIEW DOCUMENTATION (RD)

Documentation will be reviewed/approved by Project Engineering team or INSPECTOR depend the nature of documents (refer to RFD form in order to find that documents which shall be reviewed & approved by Project engineering team and/or inspector).

- WAIVED INSPECTION

For the designated feature, shop inspection is not carried out, as will be decided by Project quality coordinator.

		ATTACHMENT NO.04
 شرکت صنایع پتروشیمی دنا Dena Petrochemical Industries Co.	DENA METHANOL PROJECT	OWNER : DENA PETROCHEMICAL INDUSTRIES CO. PROJ. NO. : 89/1205
	SCOPE OF INSPECTION	
	DOC.NO. : 1205-00-QC-SOI-792	
REQUISITION NO.	REQUISITION TITLE	ITEM
1205-00-HV-REQ-792	DUCT ACCESSORIES	DUCT ACCESSORIES

[illegible]**Remarks:**

		ATTACHMENT NO.05		
 شركة صنایع پتروشیمی دنا Dena Petrochemical Industries Co.		DENA METHANOL PLANT		
		REQUISITION		
REQUISITION FOR :		OWNER: DENA PETROCHEMICAL INDUSTRIES CO.		
		PROJ. NO. : 89/1205		
DUCT ACCESSORIES		ALWAYS REFER TO THIS NUMBER		
		1205-00-HV-REQ-792	00	
SPECIFIC LIST OF SPARE PART		REQUISITION NO.	REV.	
		SHEET 1 OF 1		
EQUIPMENT TAG NO. / DESCRIPTION:				
SR. NO.	PART DESCRIPTION	ERECTION, PRE, COMMISSIONING & START UP SPARES	TWO YEARS SPARES	CAPITAL SPARES
REMARKS :				

[illegible]

[illegible]

[illegible]

DENA PETROCHEMICAL INDUSTRIES CO.

[illegible]

		ATTACHMENT NO.25				
 شرکت صنایع پتروشیمی دنا Dena Petrochemical Industries Co.	DENA METHANOL PROJECT			OWNER: DENA PETROCHEMICAL INDUSTRIES CO. PROJ. NO. : 89/1205		
	REQUISITION					
REQUISITION FOR :				ALWAYS REFER TO THIS NUMBER		
DUCT ACCESSORIES				1205-00-HV-REQ-792		00
SAND TRAP LOUVERS & METAL FILTERS LIST				REQUISITION NO.		REV.
				SHEET 1 OF 1		
SUMMARY LIST FOR SAND TRAP LOUVERS & METAL FILTERS						
Item No.	Tag No.	Duct Size (mmxmm)	Air Flow (cfm)	Qty.	Pressure Drop (in.w.g)	Bldg. Name
1	STL-0011 / MF-0011	325x325	250	1	*	Control Bldg.
2	STL-0030 / MF-0030	460x460	2135	1	*	Substation
3	STL-0031 / MF-0031	820x820	2130	1	*	Substation
4	STL-0032 / MF-0032	300x200	190	1	*	Substation
5	STL-0033 / MF-0033	700x700	1580	1	*	Substation
6	STL-0034 / MF-0034	600x400	750	1	*	Substation
7	STL-0040 / MF-0040	500x300	245	1	*	Laboratory & Yard Office
NOTES : 1. * Should be filled by vendor 2. For detail specification see attachment 19.2.						