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| **طرح نگهداشت و افزایش تولید 27 مخزن** | | | | | | | |
| **SUB VENDOR LIST**  **نگهداشت و افزایش تولید میدان نفتی بینک** | | | | | | | |
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| V00 | APR. 2023 | IFR | Havayar Co. | M.Fakharian | M.Mehrshad |  |
| **Rev.** | **Date** | **Purpose of Issue/Status** | **Prepared by:** | **Checked by:** | **Approved by:** | **CLIENT Approval** |
| **Class: 2** | | | | | | |
| **Status:** | **IFA: Issued For Approval**  **IFR: Issued For Review**  **IFI: Issued For Information**  **AFC: Approved For Construction** | | | | | |

**REVISION RECORD SHEET**

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| **PAGE** | **V00** | **V01** | **V02** | **V03** | **V04** |  | **PAGE** | **V00** | **V01** | **V02** | **V03** | **V04** |
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1. **INTRODUCTION**

Binak oilfield in Bushehr province is a part of the southern oilfields of Iran, is located 20 km northwest of Genaveh city.

With the aim of increasing production of oil from Binak oilfield, an EPC/EPD Project has been defined by NIOC/NISOC and awarded to Petro Iran Development Company (PEDCO). Also PEDCO (as General Contractor) has assigned the EPC-packages of the Project to "Hirgan Energy - Design and Inspection" JV.

**GENERAL DEFINITION**

The following terms shall be used in this document.

|  |  |
| --- | --- |
| CLIENT: | National Iranian South Oilfields Company (NISOC) |
| PROJECT: | Binak Oilfield Development – General Facilities |
| EPD/EPC CONTRACTOR (GC): | Petro Iran Development Company (PEDCO) |
| OWNER: | OWNER is collectively refer to National Iranian South Oil Company (NISOC) and Petro Iran Development Company (PEDCO) |
| EPC CONTRACTOR: | Joint Venture of : Hirgan Energy – Design & Inspection(D&I) Companies |
| VENDOR: | Havayar Company |
| EXECUTOR: | Executor is the party which carries out all or part of construction and/or commissioning for the project. |
| THIRD PARTY INSPECTOR (TPI): | The firm appointed by EPD/EPC CONTRACTOR (GC) and approved by CLIENT (in writing) for the inspection of goods. |
| SHALL: | Is used where a provision is mandatory. |
| SHOULD: | Is used where a provision is advisory only. |
| WILL: | Is normally used in connection with the action by CLIENT rather than by an EPC/EPD CONTRACTOR, supplier or VENDOR. |
| MAY: | Is used where a provision is completely discretionary. |
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1. **SUB VENDOR LIST**

| **No.** | **Description** | **Company** | **Country** |
| --- | --- | --- | --- |
| 1 | Motor | SIEMENS | Germany |
| OME | Italy |
| WEG | Brazil |
| JEMCO | Iran |
| MOTOGEN | Iran |
| VEM PARS | Germany / Iran |
| SHANGHAI ELECTRIC | China |
| HYUNDAI | S. Korea |
| HYOSUNG | S. Korea |
| JIAMUSI | China |
| 2 | Electrical Heater | MAPNA PISHEH | Iran |
| FATI | Italy |
| 3 | Pressure Safety Valve | TECHNICAL | Italy |
| NACIONAL | Spain |
| LESER | Germany |
| KIASA | Iran |
| SAM | S. Korea |
| FARAVAR AZIN FELEZ | Iran |
| TAI MILANO | Italy |
| BEHBOOD FARAYAND RADMAN | Iran |
| 4 | Pressure & Temp Gauge | WIKA | Germany |
| INDUMART | Canada |
| SANGAN | Iran |
| 5 | Pressure Transmitter | SIEMENS | Germany |
| E&H | Germany |
| ROSEMOUNT | USA |
| WIKA | Germany |
| SANGAN | Iran |
| 6 | Pressure Regulator Valve | DRASTAR | S. Korea |
| KOPECS | S. Korea |
| SAMSON | Germany |
| ARCA | Sweden |
| POLNA | Poland |
| KIASA | Iran |
| 7 | Cable | ABHAR | Iran |
| ALBORZ | Iran |
| YAZD | Iran |
| SIMCAT | Iran |
| 8 | Manifold | PARS REGULATOR | Iran |
| WIKA | Germany |
| CONTROL FLUID | W.E. |
| S-LOK | South Korea |
| V-LOK | South Korea |
| 9 | Junction box | MASHIN SAZI | Iran |
| NOOR MEHVAR | Iran |
| DARIAN | Iran |
| 10 | Level Gauge | EYVAZ TECHNIC | Iran |
| BONETTI | Italy |
| OFFICINE | Italy |
| 11 | Control Valve | FISHER | USA |
| ARCA | Sweden |
| ITA PARTS | W.E. |
| POLNA | Poland |
| KOPECS | S. Korea |
| EYVAZ TECHNIC | Iran |
| MANKENBERG | Netherland |
| AMOT | England |
| 12 | PLC | SIEMENS | Germany |
| ALLEN BRADLEY | USA |
| SCHNEIDER | French |
| OMRON | Japan |
| 13 | Heat Exchanger | BEHRAN MOBADEL | Iran |
| HAVAYAR | Iran |
| FATEH SANAT KIMIA | Iran |
| ABAN AIR COOLER | Iran |
| 14 | Pressure Vessel | HAVAYAR / | Iran |
| FATEH SANAT KIMIA | Iran |
| ATLAS EPCO | Iran |
| KAVEH MOBADDEL | Iran |
| 15 | Lube Oil Pump | SEIM | Italy |
| ALBANY PUMPS | UK |
| CLYDEUNION PUMPS | UK |
| KRACHT | Germany |
| POMPE GARBARINO | Italy |
| ROTO FLUID | India |
| ARIA SEPEHR KEYHAN | Iran |
| 16 | Lube Oil Filter | ANDISHE SHOMAL | Iran |
| FILTREC | Italy |
| HYDAC | Germany |
| PARKER | USA |
| INTERNORMEN | Germany |
| MAHLE | Germany |
| 17 | CW Pump | ASK | Iran |
| BERKEH | Iran |
| NAVID SAHAND | Iran |
| PETCO | Iran |
| PUMPIRAN | Iran |
| 18 | Coupling | ISCHTAR PARSE ALBORZ | Iran |
| TECHNO SANAT | Iran |
| FLENDER | Germany |
| NARA CO | S. Korea |
| KWANGSHIN | S. Korea |