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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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| V02 | MAR.2025 | IFR | Havayar Co. | M.Fakharian | S. Faramarzpour |  |
| V01 | JUN. 2023 | IFR | Havayar Co. | M.Fakharian | A.M Mohseni |  |
| 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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| **2** | X | X | X |  |  | **67** |  |  |  |  |  |
| **3** | X | X | X |  |  | **68** |  |  |  |  |  |
| **4** | X | X | X |  |  | **69** |  |  |  |  |  |
| **5** | X | X | X |  |  | **70** |  |  |  |  |  |
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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 referring 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. |
|  |  |
|  |  |

1. **SUB VENDOR LIST**

02

| **No.** | **Description** | **Company** | **Country** |
| --- | --- | --- | --- |
| 1 | Motor | SIEMENS | Germany |
| WOLONG NANYANG | China |
| WEG | Brazil |
| VEM PARS | Germany / Iran |
| SHANGHAI ELECTRIC | China |
| HYUNDAI | S. Korea |
| HYOSUNG | S. Korea |
| JEMCO | Iran |
| MOTOGEN | Iran |
| 2 | Electrical Heater | MABNA PISHEH | Iran |
| 3 | Pressure Safety valve | LESER | Germany |
| KIASA | Iran |
| 4 | Pressure & Temp Gauge | WIKA | Germany |
| 5 | Pressure Transmitter | ROSEMOUNT | USA |
| 6 | Pressure Regulator Valve | MANKENBERG | Germany |
| SAMSON | Germany |
| 7 | Cable | METAL CABLE | Iran |
| KABLE SHAHIN | Iran |
| SETAREH YAZD WIRE AND CABLE | Iran |
| 8 | Manifold | PARS REGULATOR | Iran |
| WIKA | Germany |
| 9 | Junction box | MASHIN SAZI | Iran |
| NOOR MEHVAR | Iran |
| DARIAN | Iran |
| 10 | Level Gauge | EYVAZ TECHNIC | Iran |
| **11** | **Control Valve** | UNIFLO | S. Korea |
| DAEJU | S. Korea |
| SAMSON | Germany |
| KOPECS | S. Korea |
| MANKENBERG | Germany |
| AMOT | England |
| 12 | PLC | SIEMENS | Germany |
| 13 | Heat Exchanger | MECHANIC SAYALAT | Iran |
| 14 | Pressure Vessel | PETRO NIKAN TAJHIZ ASIA | Iran |
| 15 | Lube Oil Pump | KRACHT | Germany |
| 16 | Lube Oil Filter | FILTREC | Italy |
| 17 | CW Pump | KSB | Germany |
| 18 | Coupling | FLENDER | Germany |
| NARA CO | S. Korea |
| 19 | Bare Block | KWANGSHIN | S. Korea |

02