EAST COLUMBIA BASIN IRRIGATION DISTRICT

RESOLUTION 2020 – 15

ESTABLISHING DESIGN STANDARDS FOR OGWRP DELIVERY SYSTEMS

WHEREAS, the Board of Directors of the East Columbia Basin Irrigation District has approved implementation of the Preferred Alternative authorized by the Bureau of Reclamation by the Odessa Subarea Special Study Record of Decision dated April 2, 2013; and

WHEREAS, the District has developed an Odessa Groundwater Replacement Program (OGWRP) to implement delivery of Columbia Basin Project irrigation water as a replacement irrigation water supply for groundwater withdrawals from the Odessa Subarea Aquifer; and

WHEREAS, delivery system design is being developed for lateral delivery systems, and which involves compliance with certain Reclamation and District engineering standards; and

WHEREAS, specific District standards will provide clarity for delivery system design; and provide similar requirements for all OGWRP systems while trying to minimize costs; and assure safety, security, longevity, operational efficiency, and each system's eligibility to receive Reserved Power;

NOW, THEREFORE, BE IT RESOLVED that the Board of Directors establishes the following policies and Design Standards:

1. Systems designed to be owned by either the District or the United States of America, and to be operated and maintained by the District, shall be designed in such a manner as to be eligible to receive reserve power. This includes the planning and design of electrical infrastructure and the associated power delivery agreements and contracts.

2. Systems shall not be designed to include excess capacity. Designs requiring District-funding shall only include system capacity to deliver to the acres under a water service contract at a maximum design flow rate. Additional capacity may be included in preliminary designs at the expense of the proponent. Inclusion of speculative capacity in designs beyond 30% will require a long-term repayment agreement for lands not receiving a CBP water supply.

3. Pumping plant (all equipment) shall be inside a masonry building. Surge tank may be outside building, with suitable protection against vandalism, by a masonry wall type of enclosure.

4. Communications between pump plant and turnouts will not be by radio. Fiber optic is anticipated to be the preferred method.

5. Turnouts will be located at the nearest point on the delivery system to the pumping plant for each contract.

6. If deviations from the above design criteria are proposed by system participants or designers, District staff are directed to analyze overall impacts to system functionality and

cost, as well as overall OGWRP implementation, and report their findings to the Board of Directors. Staff shall also analyze potential mitigation measures associated with such deviations to ensure fairness of application of the above standards.

DULY ADOPTED in Open Meeting, this 2nd day of September, 2020.

BOARD OF DIRECTORS

Seal

ATTEST:

Secretary